

# Worldwide Production

- Offshore
- (c) Condensate

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity		
ABU DHABI						
ABU DHABI CO. FOR ONSHORE OIL OPERATIONS						
Asab, 1965 .....	8,000-8,700	1,200	1,911,557	41.0		
Bab, 1958 .....	8,600-9,300			44.0		
Bida Al-Qemzan .....	—			—		
Bu-Hasa, 1962 .....	8,300-9,200			39.0		
Huwaila .....	—			—		
Northeast Bab: Dabbiyah ..	—			—		
Rumaitha .....	—			—		
Shanayel .....	—			—		
Sahil, 1967 .....	9,500-9,800			39.7		
Shah, 1966 .....	—			30.0		
ABU DHABI MARINE OPERATING CO. (ADMA-OPDC)						
• Umm Shaif, 1958 .....	9,800-12,000	1,200	1,911,557	37.0		
• Zakum Lower, 1963 .....	8,000-9,000			39.0		
ABU DHABI NATIONAL OIL CO. (ADNOC)						
• Abu Al Bukhoosh, 1969 .....	8,900-10,900			32.0		
• Arzanah, 1973 .....	11,000-11,300			42.0		
• Bunduq, 1964 .....	9,400-10,900			40.0		
• Mubarraz, 1969 .....	8,300-10,000			37.0		
ZAKUM DEVELOPMENT CO. (ZADCO)						
• Satah, 1975 .....	8,550-9,550			1,200	2,493,700	39.8
• Umm Al Dalkh, 1969 .....	7,700-8,500					32.5
• Zakum Upper, 1963 .....	7,000-8,000					35.0
Total Abu Dhabi .....		1,200	2,493,700			

## ALBANIA

<b>ALBPETROL</b>				
Amonica, 1980	7,800-9,180	17	79	22.0
Ballsh-Hekal, 1967	1,950-4,921	68	384	13.0
Cakran-Mollaj, 1977	8,530-12,130	30	716	24.0
Delvina, 1989	10,728-12,139	1	17	35.0
Gorisht-Kocul, 1967	1,640-5,905	130	707	19.0
Visoka, 1963	3,600-4,920	55	208	13.0
<b>BANKERS PETROLEUM</b>				
Kucova, 1928	300-3,940	900	350	14.0-22.0
Patos-Marinza-Kallm-Verri-Kolonje, 1980	330-5,900	339	15,208	22.0
<b>Total Albania</b>		<b>1,540</b>	<b>17,669</b>	

## ALGERIA

<b>ANADARKO</b>				
Hassi Berkine North, 1995 . . .	—			—
Hassi Berkine South, 1995 . .	10,000		200,919	44.3
<b>L'ORGANIZATION OURHOUD</b>				
Ourhoud, 1994 . . . . .	9,850		81,081	40.4
<b>CONOCO/TALISMAN/SONATRACH</b>				
Menzel Ledjmet North, 1996.	—		12,308	—
Production figure includes NGL.				
<b>ENI</b>				
Bir Rebaa North, 1989 . . . . .	12,829		3,927	53.0
Bir Rebaa Southeast . . . . .	—		10,869	
Bir Rebaa Southwest, 1992. .	13,158		5,317	39.2
Bir Rebaa West, 1991 . . . . .	12,171		16,784	39.2
BRW-ESW . . . . .			424	
BSF . . . . .			5,751	
BSNF-ROD . . . . .			33,098	
RAR . . . . .			444	
RDB . . . . .	—		86	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
RERN	—		238	—
ROM N	—		2,604	—
ROM Est.	—		2,415	—
ROM, 1986	11,349		5,087	39.0
SFNE	—		14,563	—
ZEI	—		4,382	—
ZEK	—		658	—
*ENI production figures include NGL.				
<b>SONAHESS</b>				
Gassi El Agreb/Zotti, 1959	9,850			42.3
<b>SONARCO (BP)</b>				
Rhourde el Baguel, 1962	9,850			42.3
<b>SONATRACH</b>				
Acheb West, 1963	7,360	2,014		47.4
Acheb, 1963	7,360			44.3
Ait Kheir, 1971	8,860			52.3
Amassak/Tin-Yaguene, 1970	6,565			42.5
Askarene, 1962	8,200			43.2
Assekaifaf South, 1958	2,800			41.5
Bab El Hattabet, 1982	11,880			44.5
Benkahla	—			43.8
Djebel Onk, 1960	3,940			38.2
Djoua West, 1967	5,580-6,240			42.5
Draa Tamra, 1971	11,600			44.5
Edeyen, 1964	5,580			43.0
Edjeleh, 1956	1,500-2,800			38.2
El Adeb Larache, 1958	4,100			41.5
El Borma, 1967	8,200			41.7
Gara South	—			45.8
Gara, 1962	9,420			45.8
Garet Ben Chentir	—			49.7
Gassi-Touil (c), 1961	6,562			47.4
Gassi-Touil East, 1961	6,890			45.8
Guellala Northeast	—			44.5
Guellala, 1969	11,320			44.5
Guelta, 1962	8,960			43.0
Haoud Berkaoui	—			43.8
Hassi Chergui, 1963	8,200			50.4
Hassi Guettar	—			49.7
Hassi Keskassa	—			42.5
Hassi Mazoula (B)/North, 1965	4,920-5,118			40.2
Hassi Mazoula South, 1963	4,430			40.0
Hassi Messaoud North, 1956	10,500			46.1
Hassi Messaoud South, 1956	10,500			46.1
Hassi R'Mel, 1979	7,760			46.1
La Reculee, 1957	5,414-5,742			40.4
Makouda, 1975	6,000			52.3
Mereksen, 1974	8,200			49.9
Mesdar East & West, 1972	11,155			39.8
Mokh El Kebch, 1984	12,870			44.5
N'Goussa, 1974	11,715			44.5
Ohanet North, 1960	7,878			44.9
Ohanet South, 1960	7,878			45.4
Oued Gueterini, 1946	6,600			36.2
Oued Noumer, 1969	8,860			52.0
Ras Toubm, 1976	9,190			36.2
Rhourde Chegga, 1959	10,170			47.2
Rhourde Khrouf	—			50.6
Rhourde Messaoud	—			48.3
Rhourde Nouss, 1972	8,530			36.3
Sahane, 1972	12,649			44.5
Sidi Mezriche, 1976	8,085			52.0
Stah, 1971	9,515			47.2
T.F.F6/T.F. North/T.F. NW/Tml., 1962	4,265			42.5

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
T.F.T. Devo East/ Zone 100, 1966 .....	4,600-6,560			42.5
T.F.T. ORD .....	—			42.1
Tamadane, 1994 .....	8,724			44.0
Tamendjelt, 1970 .....	5,585-6,890			42.5
Tifernine, 1993 .....	5,000			44.5
Tiguentourine, 1966 .....	2,160-4,265			45.6
Timedratine East, 1964 .....	8,155			41.7
Timedratine, 1964 .....	8,155			42.3
Timellaline-2H .....	—			39.6
Tin Fouye F6 .....	—			38.6
Tin Fouye N/O, 1966 .....	4,600-6,560			39.4
Tin Fouye North, 1962 .....	4,600-6,560			39.4
Tin Fouye Tabankort (c), 1962 .....	4,600-6,560			—
Tiraremine North/West .....	6,565			42.5
Zarzaitine, 1957 .....	4,700			42.2
Zemlet Nouss .....	—			43.0
<b>Total Algeria .....</b>		<b>2,014</b>	<b>1,165,000</b>	

## ANGOLA

<b>TOTAL SA</b>				
• Dalia, 1997 .....	4,921			—
• Girassol, 1996 .....	3,280-6,561		600,000	22.0-32.0
• Pazflor .....	1,968-3,937			
• Rosa, 1998 .....	4,500			—
<b>ESSO E&amp;P ANGOLA</b>				
• Kizomba A, 1999 .....	3,280			—
• Hongo/Chocalho .....				—
• Kizomba B .....	3,280		400,000	—
• Kissanje/Dikanza .....				—
• Clochas/Mavacola .....				—
• Kizomba C .....	—			—
• Batuque/Mondo/Saxi .....				—
• Xikomba, 1999 .....	4,856			34.7
• Marimba North .....	3,900			—
<b>BP</b>				
• Cobalto .....	—			—
• Cromio .....	—			—
• Galio .....	4,785			—
• Paladio .....	—			—
• Platina .....	—			—
• Plutonio .....	—			—
<b>CHEVRON</b>				
• Benguela .....	—			—
• Belize .....	—			—
• Lobito .....	—			—
• Tomboco .....	—			—
• Banzala, 1997 .....	—			—
• Bomboco .....	—			—
• Kambala, 1971 .....	10,278			32.8
• Kokongo, 1992 .....	12,200			38.0
• Kuito, 1997 .....	1,263			—
• Kungulo, 1976 .....	—			32.2
• Landana .....	—			—
• Limba .....	—			—
• Limba Southwest .....	2,660			31.6
• Livuile .....	—			—
• Lomba, 1992 .....	8,298			—
• Malongo North, 1966 .....	1,170			30.0
• Malongo South, 1966 .....	1,150			25.0
• Malongo West, 1966 .....	1,660			22.5
• Mafumeira Norte .....	—			—
• N'Dola, 1972 .....	10,500			—
• Nemba, 1990 .....	—			—
• N'Sano, 1992 .....	8,770			—
• Numbi, 1980 .....	3,446	1,335		34.0
• Sanha, 1987 .....	—			—
• Takula, 1971 .....	3,070			31.5
• Vuko, 1983 .....	3,572			35.0
• Wamba, 1982 .....	2,507			29.0
<b>SONANGOL</b>				
• Albacore, 1991 .....	7,000			36.8
• B Area LPG .....	—			—
• Bagre, 1990 .....	9,130			34.6-36.8

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Chopá, 1991 .....	—			—
• Espadarte, 1991 .....	7,730			34.2
• Essungo, 1975 .....	6,500			35.0
• Estrela, 1990 .....	7,800			36.2
• Lombo Este, 1984 .....	7,800			41.0
• Malongo LPG .....	—			—
• Raia, 1988 .....	8,700			36.4
• Sulele South NE, 1986 .....	7,600			41.0
• Sulele, West 1985 .....	6,900		755,800	40.0
• Tubarao, 1984 .....	7,600			38.2
<b>TOTAL SA</b>				
• Bufalo, 1982 .....	10,500			39.5
• Cobo-Pambi, 1990 .....	10,177			37.6
• Impala SE, 1985 .....	8,500			37.0
• Impala, 1983 .....	9,022			37.5
• Jasmim, 2000 .....	4,593			—
• Pacassa, 1982 .....	11,500			38.0
• Palanca, 1981 .....	8,860			40.0
• Benfica, 1955 .....	8,300			30.0
• Bento, 1972 .....	7,350			26.0
• Cabeça de Cobra, 1969 .....	4,200			41.0
• Cacucaco, 1958 .....	8,100			30.0
• Galinda, 1959 .....	7,270			30.0
• Ganda, 1975 .....	5,000			39.0
• Kitona, 1973 .....	5,200-6,102			27.0
• Legua, 1972 .....	6,300			32.0
• Luango, 1977 .....	3,800			39.0
• Lumueno, 1977 .....	4,300			39.0
• Mulenvos, 1966 .....	5,900-6,600			25.0
• N' Z Pangala, 1973 .....	—			—
• N' Zombo, 1973 .....	5,000-6,300			33.0
• N'Z Kitona D & I, 1973 .....	—			—
• Oombo, 1992 .....	8,700			—
• Pambo, 1982 .....	4,400			39.0
• Pangala, 1974 .....	5,200			31.0
• Pindo, 1966 .....	—			—
• Quenguela, 1968 .....	6,000			32.0
• Quinfuquena, 1975 .....	5,462-7,100			30.0
• Quingula, 1972 .....	3,400			34.0
• Sereia, 1974 .....	6,200			28.0
• Tobias, 1961 .....	5,900			30.0
<b>Total Angola .....</b>		<b>1,335</b>	<b>1,755,800</b>	

## ARGENTINA

<b>AMERICAS PETROGAS ARGENTINA SA</b>	—	—	1,581	—
<b>APACHE ENERGIA ARGENTINA SRI</b>				
• Aguada Villanueva .....	...			—
• Al Norte de la Dorsal .....	—	167		—
• Al Sur de la Dorsal .....	—	138		—
• Anticlinal Campamento .....	—	32		—
• Bajo Baguales .....	5,725	3		—
• Collon Cura .....	—	1		—
• Cutral -Co. Sur .....	—	1	6,556	—
• Dadin .....	—	47		—
• Dos Hermanas .....	—	15		—
• Estacion Fernandez Oro .....	8,530	22		38.6
• Jaguel de Los Milicos .....	—	—		—
• La Calera .....	—	15		—
• Loma Negra - Zona Ni .....	—	26		—
• Neuquen del Medio .....	—	8		—
<b>APACHE PETROLERA ARGENTINA SA</b>				
• El Santiagueno .....	—	30	683	—
<b>APCO ARGENTINA</b>				
• Canadon Ramirez .....	—	0	0	—
<b>ARPETROL ARGENTINA</b>				
• Faro Virgenes .....	—	—	220	—
<b>CAPSA</b>				
• Diadema .....	—	481		—
• K20 .....	—	48	0	—
• Sindicato .....	—	1		—
• Solano .....	—	2		—
<b>CAPEX</b>				
• Agua del Cajon .....	—	36	800	—
• Loma de Kauffman .....	—	—		—

# WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>CENTRAL INTERNATIONAL CORP.</b>				
Catriel Oeste, 1959.....	—	110	1,513	22.0
El Sauce, 1957.....	2,674	2		28.0
Las Bases.....	—	—		—
Puesto Prado.....	—	2		—
<b>COLHUE HUAPI</b>	—	—	469	—
<b>COMPANIA ASOCIADAS PETROLERAS SA</b>	—	—	10,872	—
<b>COMPANIA GENERAL DE COMBUSTIBLES</b>				
Angostura (Ang).....	—	3	73	—
Laguna de Los Capones....	—	3		—
<b>CHANARES HERRADOS</b>				
Chanares Herrados.....	—	36	3,249	—
Puesto Pozo Cercado.....	—	13		—
<b>CHEVRON SAN JORGE</b>				
El Sauce, 1957.....	2,674	—	29,716	28.0
El Trapial-Curamched, 1990..	8,615	547		50.0
La Yesera.....	—	0		—
Loma Negra Comp, 1997....	8,661	54		39.0
Puesto Flores-E.Vieja.....	—	14		—
<b>CRI HOLDING/SUCURSAL</b>				
Km. 8.....	—	18	85	—
<b>DAPETROL SA</b>				
Jose Segundo.....	6,645	20	358	24.0
<b>EMPRESA NACIONAL DEL PETROLEO SIPETROL</b>				
• Magallanes.....	—	9	9,982	—
Pampa del Castillo - La Guitarra	—	241		—
Poseidon.....	—	4		—
<b>ENERGY ARGENTINA SA (ENARSA)</b>				
Medanito Sur.....	—	3	537	—
<b>ENERGIAL SA</b>	—	—	213	—
<b>EPSUR SA</b>				
Mata Magallanes Oeste....	—	24	214	—
<b>GAS Y PETROLEO DEL NEUQUEN S.A.</b>				
Aguada del Chanar.....	—	—	34	—
<b>GEOPARK</b>				
Del Mosquito.....	—	6	50	—
<b>GOLDEN OIL</b>				
Rio Mayo Oeste.....	—	4	46	—
<b>GRAN TIERRA ENERGY</b>				
El Chivil.....	—	1	1,770	—
El Vinalar.....	—	4		—
Ipagazu.....	—	0		—
Surubi.....	—	1		—
<b>GRECOIL Y CIA SRL</b>				
Vega Grande.....	—	3	175	—
<b>INGENIERIA ALPA SA</b>				
Anticlinal Aguada Bandera..	—	1	558	—
El Valle.....	—	24		—
<b>INGENIERIA SIMA SA</b>				
La Pendiente.....	—	2	32	—
<b>INTERENERGY ARGENTINA</b>				
Caleta Cordova.....	—	2	29	—
<b>JHP INTERNATIONAL</b>				
Caimancito.....	—	—	308	—
<b>MEDANITO SA</b>				
Aguada del Chivato.....	—	13	2,208	—
Cutral - Co.....	—	7		—
Dos Picos.....	—	2		—
Medianera.....	—	—		—
<b>MISAHAR ARGENTINA</b>				
Mata Magallanes Este.....	—	0	6	—
<b>NECON</b>				
Agua Blanca.....	—	4	36	—
<b>OILSTONE ENERGIA</b>				

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Cerro Bandera.....	—	—	1,174	—
<b>PAN AMERICAN ENERGY LLC</b>				
Acambuco.....	—	6	102,171	—
Anticlinal Funes, 1932.....	7,218	29		—
Anticlinal Grande - Cerro	—	—		—
Dragon, 1932.....	7,218	2,309		—
Cerro Dragon.....	—	218		—
Cerro Tortuga.....	—	137		—
Chulengo.....	—	38		—
Koluel Kaike - El Valle, 1957..	5,413	207		24.0
Lindero Atravesado (c), 1961	6,550-9,850	34	4,900-6,230	63.3
Piedra Clavada, 1964.....	4,900-6,230	319		21.0
<b>PANAPETROLEO</b>	—	—	1	—
<b>PETROBRAS ENERGIA SA</b>				
An-Aike.....	—	2	38,916	—
25 de Mayo-Medanito S.E. (Rio Negro & La Pampa)...	—	618		30.0
Aguada de la Arena (Anelo)...	—	1		—
Bajada Fortaleza (c).....	—	1		—
Barda las Vegas (c).....	—	10		—
Campo Boleadora (c).....	—	1		—
Campo Indio (c).....	—	4		—
Dos Hermanos.....	—	0		—
El Cerrito (c).....	—	0		—
El Mangrullo (c).....	—	—		—
Estancia Agua Fresca (c)....	—	9		—
Jaguel de los Machos (La Pampa & Rio Negro)...	4,757	156		30.0
La Paz (c).....	—	0		—
La Porfiada (c).....	—	2		—
Laguna del Oro (c).....	—	2		—
Maria Ines (c).....	—	29		—
Maria Ines Oeste (c).....	—	11		—
Puesto Hernandez (Mendoza & Neuquen), 1969	3,937	760		33.5
Puesto Peter (c).....	—	20		—
Rio Neuquen (Rio Negro & Neuquen)	—	64		—
Santa Cruz I - A.....	—	0		—
Santa Cruz I - B.....	—	0		—
Santa Cruz I - C.....	—	7		—
Santa Cruz I - D.....	—	6		—
Santa Cruz II - B.....	—	1		—
Sierra Chata (Chihuidos)....	—	0		—
<b>PETROLEOS SUD-AMERICANOS NECON U.T.E.</b>				
Centro Este.....	—	73	1,634	—
Loma Montosa Oeste.....	—	9		—
<b>PETROLERA DEL COMAHUE</b>	—	—	18	—
<b>PETROLERA PATAGON</b>				
Don Alberto.....	—	12	113	—
Don Ernesto.....	—	7		—
<b>PETRO ANDINA RESOURCES LTD.</b>				
El Renegado.....	—	27	—	—
Gobernador Ayala.....	—	24	—	—
Gobernador Ayala III.....	—	3	—	—
Jaguel Casa de Piedra.....	—	285	—	—
Puesto Pinto.....	—	119	—	—
<b>PETROLERA CERRO NEGRO</b>				
Cerro Negro.....	—	—	469	—
<b>PETROLERA EL TREBOL</b>				
Atamisqui.....	—	20	1,900	—
Cerro Mollar Oeste, 1990....	1,800	2		18.0
Puesto Rojas.....	—	14		—
Refugio Tupungato.....	—	46		—
Tierras Blancas.....	—	—		—
<b>PETROLERA ENTRE LOMAS</b>				
Agua Amarga.....	—	5	14,834	—
Bajada del Palo, 1978.....	7,874	41		30.0
Entre Lomas.....	—	456		33.0
<b>PETROLERA LF CO. SRL</b>				
Lago Fuego.....	—	0	74	—
Los Chorrillos.....	—	33		—
Tierra Del Fuego - A.....	—	—		—

# WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Tierra Del Fuego - B .....	—	8	4,552	—
Tierra Del Fuego - C .....	—	4		—
Tierra Del Fuego - D .....	—	12		—
<b>PETROLERA PIEDRA</b>				
Umbral .....	—	—	—	—
<b>PETROLERA SAN JOSE</b>				
Puesto Guardian .....	—	10	356	—
<b>PETROLIFERA P. (AMERICAS) LTD.</b>				
Gobernador Ayala II .....	—	0	1,590	—
Rinconada - Puesto Morales .....	—	61		—
Puesto Morales Este .....	—	1		—
Vaca Mahuida .....	—	—	—	—
<b>PETROQUIMICA COM. RIVADAVIA SA</b>				
El Sosneado, 1965 .....	3,770-4,900	89	6,800	19.0
Medanito, 1963 .....	3,280-3,600	176		28.0
<b>PLUSPETROL</b>				
Aguada Baguales, 1963. ....	3,300	90	38.0-39.0	—
Caimancito .....	—	10		—
Centenario, 1961 .....	8,200	222		39.2
El Porvenir, 1941 .....	3,800	203	24.0	—
El Renegado .....	—	—	39,791	—
Gobernador Ayala .....	—	—		—
Gobernador Ayala III .....	—	—		—
Jaguel Casa de Piedra .....	—	—	41.5	—
Loma Guadalupe .....	—	2		—
Loma Jarillosa Este .....	—	7		—
Palmar Largo, 1983 .....	12,600	16	61.0	—
Puesto Pinto .....	—	—		—
Puesto Touquet .....	—	0		—
Ramos, 1975 .....	13,000	0	—	—
<b>QUINTANA E&amp;P</b>	—	—	9	—
<b>ROCH</b>				
Angostura .....	—	3	3,836	—
Cajon de los Caballos, 1966 .	6,240	21		19.0
Campo Bremen .....	2,950	0		—
Chorrillos, 1965 .....	5,648	42	48.0	—
Coiron Amargo .....	—	3	39.0	—
Las Violetas, 1949 .....	6,560	17		—
Moy Aike .....	—	12		—
Oceano .....	—	2	39.0	—
Rio Cullen, 1949 .....	6,560	1		—
Sur Rio Deseado Este .....	—	6		—
<b>SAN JORGE PETROLEUM</b>				
Confluencia Sur, 1995 .....	6,522	3	685	36.0
Fondo de la Legua .....	—	0		—
<b>SINOPEC ARGENTINA</b>				
Bella Vista Oeste, 1970 .....	9,200	76	25.7	—
Bloque 127, 1970 .....	4,200	38	23.6	—
Cacheuta, 1933 .....	—	18	3.0	—
Canadon Leon, 1978 .....	—	104		—
Canadon Minerales .....	—	207		—
Canadon Seco, 1943 .....	6,400	223	23.6	—
Cerro Overo, 1959 .....	3,600	17	23.6	—
Cerro Wenceslao .....	—	143	31.0	—
El Cordan .....	—	14		—
El Huemul, 1957 .....	5,250	523		—
Las Heras .....	—	95	37,748	—
Meseta Espinosa .....	—	120		—
Mesta Espinosa Norte, 1949.	6,700	72		23.6
Mesta Sirven .....	—	18	23.6	—
Piedra Clavada IV .....	—	155		—
Piedra Colorada-Estruct.	—	—	23.6	—
Intermedia .....	—	105		—
Sur Piedra Clavada .....	—	144		—
Tres Picos, 1951 .....	9,200	62	—	—
<b>TECPETROL</b>				
Agua Salada .....	5,455	48	53.0	—
Aguarague .....	—	18	22.0	—
Atuel Norte .....	6,262	6		—
El Tordillo .....	7,640	694		23.0
Estancia la Mariposa .....	—	3	23,037	—
La Tapera .....	—	2		—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Los Bastos .....	5,731	26	37.0	—
Puesto Quiroga .....	—	7		—
San Antonio Sur .....	—	0		—
Tres Nidos .....	—	0	17,850	—
<b>TOTAL AUSTRAL</b>				—
Aguada Pichana .....	—	0		—
Cuenca Marina Austral 1. ....	—	27	17,850	—
San Roque .....	—	19		—
<b>UNITEC ENERGY</b>				
Sarmiento .....	—	—	67	—
<b>YPF SA</b>				
Altiplanicie del Payun .....	—	7	199,610	—
Bajada de Anelo .....	—	—		—
Bajo del Piche .....	—	51		—
Bandurria .....	—	2	29.5	—
Barranca Yankowsky .....	—	2		—
Barrancas .....	—	305		—
Barrancas de Los Loros. ....	—	50	21.3	—
Campamento Central .....	—	322		—
Canadon Amarillo .....	—	77		—
Canadon de la Escondida Las	—	935	29.7	—
Canadon Leon-Meseta Espinosa	—	569		—
Canadon Vasco .....	—	12		—
Canadon Yatel .....	—	105	29.7	—
Ceferino .....	—	5		—
Cerro Bandera .....	—	46		—
Cerro Fortunoso .....	—	157	29.7	—
Cerro Hamaca .....	—	16		—
Cerro Mollar Norte .....	—	2		—
Cerro Piedras-C. Guadalupe	—	69	29.7	—
Chachahuen .....	—	—		—
Chi. De la Salina (YBR) .....	—	84		—
Chi. De la Salina Sur .....	—	42	29.7	—
Chi. De la Sierra Negra	—	—		—
(Neuquen & Mendoza) .....	—	1,171		—
El Guadal-Lomas del Cuy .....	—	555	29.7	—
El Manzano .....	—	7		—
El Medanito .....	—	183		—
El Porton .....	—	35	29.7	—
Escalante-El Trebol .....	—	438		—
Filo Morado .....	—	9		—
La Amarga Chica .....	—	—	29.7	—
La Brea .....	—	3		—
La Ventana, 1957 .....	7,500	340		—
Las Manadas .....	—	4	29.7	—
Llanquanelo .....	—	4		—
Loma Campana .....	—	—		—
Loma de La Mina .....	—	57	29.7	—
Loma La Lata .....	—	140		—
Los Caldenes .....	—	1		—
Los Monos .....	—	20	29.7	—
Los Perales-Las Mesetas .....	—	1,507		—
Manantiales Behr, 1929. ....	8,500	705		—
Mata Mora .....	—	—	29.7	—
Octogono Fiscal .....	—	30		—
Paso de las Bardas Norte .....	—	3		—
Pico Truncado-El Cordon .....	—	391	29.7	—
Puesto Cortadera .....	—	—		—
Puesto Molina .....	—	6		—
Puntilla del Huicán .....	—	—	29.7	—
Resting Ali .....	—	12		—
Rio Mayo .....	—	0		—
Rio Tunuyan, 1957 .....	7,500	10	29.7	—
Sarmiento .....	—	4		—
Senal Cerro Bayo .....	—	73		—
Senal Picada-Punta Barda	—	—	29.7	—
(Rio Negro & Neuquen) .....	—	313		—
Valle del Rio Grande .....	—	233		—
Vizcacheras, 1962 .....	6,000	243	29.7	—
Volcan Auca Mahuida .....	—	29		—
Zampal .....	—	4		—
<b>Total Argentina.....</b>		<b>21,894</b>	<b>569,532</b>	<b>523.5</b>

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>AUSTRALIA</b>				
<b>AGL</b>				
Silver Springs	—	—	98	—
<b>APACHE</b>				
Devils Creek (c)	—	—	372	—
• Harriet, 1983	6,200	8	0	38.2
• Stag, 1993	2,283	10	5,809	19.0
• Van Gogh, 2003	1,247	—	18,300	45.7
Arteus (c)	—	—	—	—
Bambra	—	—	—	—
Double Island	—	—	—	—
Gibson/S. Plato, 2001	—	—	—	—
John Brookes (c)	—	—	—	—
Linda	—	—	—	—
• Little Sandy, 2002	—	—	5,605	—
Mohave	—	—	—	—
North Alkimos	—	—	—	—
Pedirka, 2002	—	—	—	—
Simpson	—	—	—	—
Varanus Island	—	—	—	—
• Victoria, 2002	—	—	—	—
Wonnich Deep (c)	—	—	—	—
<b>APLNG</b>				
Denison Trough	—	—	2	—
<b>AWE</b>				
Dongara, 1966	5,250-5,577	1	43	—
<b>BEACH PETROLEUM</b>				
Bargie, 1994	5,682	1	—	45.6
Black Stump, 1986	3,815	1	—	45.2
Bodalla South, 1984	4,789-5,215	7	6,543	47.8
Glenvale	—	—	—	—
Kenmore, 1985	4,593-4,986	15	—	48.2
<b>BHP BILLITON</b>				
• Crosby/Ravensworth/ Stickle, 2003	555-820	13	0	—
• Griffin area, 1989	8,630	9	0	55.0
• Minerva (c)	—	—	130	—
• Pyrenees	—	—	45,994	18.6
• Stybarrow	—	—	12,248	—
<b>BRISBANE PETROLEUM</b>				
Louise	—	—	—	—
McWhirter	—	—	0	—
Narrows	—	—	—	—
Yellowbank Creek	—	—	—	—
<b>CHEVRON</b>				
• Barrow Island, 1964	1,200-6,700	472	5,421	37.7
• Cowle, 1989	—	—	—	—
• Crest, 1994	—	—	—	—
• Roller/Skate, 1990-91	—	—	—	—
• Saladin, 1985	—	—	1,380	—
• Thevenard Island	—	—	—	—
• Yammaderry, 1988	—	—	—	—
<b>CONOCOPHILLIPS</b>				
Bayu Undan (c)	—	—	5,004	—
• Elang/Kakatua/Kakatua N., 1994	9,862	—	0	56.0
<b>ENI</b>				
Blacktip	—	—	0	47.5
Kitan	—	—	3,530	—
Woollybutt	—	—	560	—
<b>ESSO-BHP</b>				
• Barracouta, 1965	4,550	1	—	62.8
• Bream, 1969	6,200	29	—	45.4
• Cobia, 1972	7,700	13	—	44.6
• Dolphin, 1967	4,000	2	—	45.0
• Flounder, 1968	8,200	20	—	46.7
• Fortescue, 1978	7,700	22	—	43.0
• Gippsland	—	—	—	—
• Halibut, 1967	7,700	17	—	43.3
• Kingfish, 1967	7,500	27	52,032	46.9
• Mackerel, 1969	7,700	24	—	45.6
• Marlin/Turrum, 1966	5,100	17	—	50.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Perch, 1968	3,700	2	—	41.0
• Seahorse, 1978	4,700	1	—	53.0
• Snapper/Moonfish, 1968	4,350	22	—	47.0
• Tarwhine, 1981	4,500	1	—	65.0
• Tuna, 1968	6,500	32	—	40.5
• West Tuna, 1968	8,300	19	—	43.4
• Whiting, 1983	4,800	4	—	52.9
<b>ORIGIN ENERGY</b>				
BassGas (c)	—	—	385	—
Beharra Springs (c), 1990	10,827	3	3	62.0
Geographe Thylacine (c)	—	—	1,464	—
Jingemia, 2002	7,895	—	200	37.0
Beldene	—	—	—	—
Borah Ck	—	—	—	—
Carbeab	—	—	—	—
Cogoon River West, 1990	4,660	—	—	—
Kanaloo	—	—	—	—
Kincora	—	—	92	—
Kungarri	—	—	—	—
Newington	—	—	—	—
Newstead	—	—	—	—
Royston	—	—	—	—
Waratah, 1982	5,350	1	—	34.0
Washpool, 1985	5,250	1	—	35.0
Yarrabend	—	—	—	—
Yuranigh	—	—	—	—
<b>ROC OIL</b>				
Cliff Head, 2001	—	—	3,080	—
<b>SANTOS</b>				
<b>AMADEUS BASIN</b>				
Mereenie, 1964	4,000	24	625	48.9
<b>SANTOS</b>				
<b>COOPER/EROMANGA BASIN</b>				
Bogala, 1984	6,900	—	—	—
Challum, 1983	—	—	—	—
Chookoo, 1985	6,000	—	—	45.0
Cook, 1985	—	—	—	—
Gunna, 1983	6,000	—	—	40.0
Jackson South, 1982	4,800	—	—	40.0
Jackson, 1981	4,750	—	—	40.0-48.0
Mooliampah, 1985	6,000	—	—	—
Naccowlah South, 1983	6,000	—	—	—
Naccowlah West, 1983	5,700	—	—	—
Naccowlah, 1989	—	—	—	—
Nockatunga, 1983	3,318	—	—	45.0
Sigma, 1983	5,700	—	—	—
<b>SANTOS</b>				
<b>CARNARVON BASIN</b>				
Mutineer/Exeter	—	—	4,969	—
<b>SANTOS</b>				
<b>OTWAY BASIN</b>				
Casino (c)	—	—	69	—
<b>SANTOS</b>				
<b>SURAT/BOWEN BASIN</b>				
Glen Fosslyn (c), 1970	5,790	1	—	—
Lark (c), 1993	5,817	1	—	—
Moonie, 1961	58,000	19	—	44.5
North Boxleigh (c), 1991	5,463	1	—	—
Roswin North (c), 1992	5,873	1	—	—
Silver Springs/Renlim (c), 1974	5,300	6	—	—
Sirrah (c), 1982	5,430	2	—	—
Taylor (c), 1988	5,538	5	—	47.0
Tinker (c), 1989	5,817	1	—	—
<b>SENEX ENERGY</b>				
Acrasia	—	—	166	—
Comic	—	—	0	—
Growler	—	—	3,549	—
Harpoono	—	—	43	—
Padulla	—	—	93	—
Vintage Crop	—	1	262	—
Warrior	—	—	268	—
<b>STUART PETROLEUM</b>				
Arwon	—	—	1	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>VERMILION</b>				
• Wandoo, 1991 .....	2,000	15	6,372	19.5
<b>WOODSIDE OFFSHORE PETROLEUM PTY. LTD.</b>				
• Cossack, 1989 .....	9,430	1	125,314	47.0
• Goodwyn (c), 1972 .....	9,680	14		54.5
• Hermes, 1973 .....	10,040	1		46.0
• North Rankin (c), 1972 .....	9,840	21		54.5
• Perseus (c), 1995 .....	—	3		54.5
• Wanaea, 1989 .....	9,430	5		49.0
Enfield, 1999 .....	—	—	12,580	—
• Laminaria/Corallina, 1994 .....	10,720	6	6,237	59.0
• Pluto (c), 2005 .....	—	—	6,290	—
• Vincent, 1998 .....	—	—	27,606	—
<b>Total Australia .....</b>		<b>1,269</b>	<b>380,384</b>	<b>2,183</b>

## AUSTRIA

<b>OMV</b>				
Altlichtenwarth, 1940 .....	—	2	13,460	—
Bernhardsthal, 1950 .....	—	3		—
Goesting, 1932 .....	—	9		—
Hochleiten, 1973 .....	3,100-5,000	45		21.3
Hohenrappersdorf, 1941 .....	—	10		—
Matzen, 1949 .....	6,100	443		25.7
Maustrenk, 1941 .....	—	3		—
Muehlberg, 1942 .....	3,900-5,500	5	15,800	35.0
Pirawarth, 1957 .....	1,600-6,500	33		28.4
St. Ulrich, 1938 .....	1,600-4,300	14		31.1
Van Sickle, 1939 .....	—	18		—
Windisch-Baumgarten, 1930 .....	—	13		—
<b>RAG</b>				
Bad Hall .....	11,299	9	399	36.0
Bad Hall Nord .....	7,185	2	32	33.0
Eberstälzell Ost .....	7,316	2	18	36.6
Eberstälzell West .....	7,759	1	28	35.0
Engenfeld .....	3,930	2	129	32.5
Gaiselberg, 1938 .....	8,337	27	303	25.0
Hiersdorf .....	8,858	4	501	32.1
Kematen .....	4,954	1	8	35.8
Kemating .....	7,497	3	168	34.1
Kohleck .....	10,188	1	30	33.6
Mayersdorf .....	7,999	1	29	34.6
Oberaustall West .....	6,555	1	12	34.8
Rag-Feld .....	9,678	5	45	26.5
Rappersdorf .....	5,692	2	4	38.0
Ried .....	5,338	1	31	34.6
Sattledt .....	6,677	4	75	36.8
Schwanenstadt Nord .....	9,449	1	71	30.5
Sierning .....	8,120	4	205	33.2
Steinhaus .....	5,892	1	7	36.8
Trattnach .....	7,257	3	43	30.0
Voitsdorf, 1962 .....	7,759	10	202	36.1
<b>Total Austria .....</b>		<b>683</b>	<b>15,800</b>	

## AZERBAIJAN

<b>AZERBAIJAN INTERNATIONAL OIL CO.</b>				
• All other fields .....	—	—	165,090	—
<b>BP</b>				
• Azeri Central .....	—	14	158,430	—
• Azeri East .....	—	14	134,000	—
• Azeri West .....	—	16	190,540	—
• Chirag, 1985 .....	10,000	10	74,440	34.8
• Gunashli .....	—	11	107,000	—
• Shah Deniz (c), 1999 .....	—	4	44,100	—
<b>Total Azerbaijan .....</b>		<b>69</b>	<b>873,600</b>	

## BAHRAIN

<b>BAHRAIN PETROLEUM CO./OCCIDENTAL</b>				
Bahrain/Awali, 1932 .....	1,850-4,600	496	40,900	33.0
<b>Total Bahrain .....</b>		<b>496</b>	<b>40,900</b>	

## BANGLADESH

<b>BANGLADESH PETROLEUM EXPLORATION &amp; PRODUCTION CO. LTD.</b>				
Fenchuganj (c), 1988 .....	—	3	3	—
Saldanadi (c) .....	—	3	7	—
Semutung (c) .....	—	1	5	—
Shahbazpur (c), 1995 .....	10,929	2	0	—
Sundalpur (c) .....	—	1	5	—
<b>BANGLADESH GAS FIELDS CO. LTD.</b>				
Bakhrabad (c), 1969 .....	9,309	9	11	40.2
Habiganj (c), 1963 .....	11,506	11	11	29.2
Meghna (c) .....	—	1	19	—
Narsingdi (c), 1990 .....	11,319	2	61	43.7
Titas (c), 1962 .....	12,326	16	338	39.1
<b>CHEVRON</b>				
BibiYana (c), 1998 .....	—	12	3,487	—
Jalalabad (c), 1989 .....	9,600	4	1,777	48.2
Moulavi Bazar (c), 1999 .....	9,700	8	6	—
<b>SYLHET GAS FIELDS LTD.</b>				
Beani Bazar (c) .....	—	2	179	—
Kailas Tila (c), 1962 .....	13,576	6	806	50.0
Rashidpur (c), 1960 .....	9,886	7	57	31.1
Sylhet (c), 1955 .....	7,803	3	78	42.1
<b>SANTOS/CAIRN</b>				
Sangu (c) .....	—	7	1	—
<b>TULLOW</b>				
Bangora (c) .....	—	6	265	—
<b>Total Bangladesh .....</b>		<b>104</b>	<b>7,116</b>	

## BARBADOS

<b>BARBADOS NATIONAL OIL CO LTD.</b>				
Boarded Hall, 1990 .....	2,922-6,380	3	800	23.1
Edgecumbe, 1984 .....	2,044-3,734	36		23.1
Lower Greys, 1985 .....	2,154-4,642	12		24.8
Woodbourne, 1966 .....	1,665-6,563	41		25.0
<b>Total Barbados .....</b>		<b>92</b>	<b>800</b>	

## BELARUS

All fields .....	—	—	—	—
<b>Total Belarus .....</b>		—	<b>30,000</b>	

## BELIZE

<b>BELIZE NATURAL ENERGY</b>				
Never Delay .....	—	5	2,500	40.8
Spanish Lookout, 2005 .....	3,600	15		
<b>Total Belize .....</b>		<b>20</b>	<b>2,500</b>	

## BENIN

<b>PROJET PETROLIER DE SEME</b>				
• Seme, 1968 .....	6,500	—	—	23.0
<b>Total Benin .....</b>		—	—	

## BOLIVIA

<b>BG</b>				
Escondido, 1980 .....	11,293	4	743	60.0
La Vertiente, 1977 .....	9,938	3		50.0
Los Suris .....	13,776	2		68.0
Taiguati, 1981 .....	10,174	1		63.0
<b>MATPETROL SA</b>				
Tatarena, 1964 .....	2,296	9	79	65.3
<b>PETROBRAS ENERGIA</b>				
Caranda, 1960 .....	13,032	31	659	60.0
Colpa, 1962 .....	9,184	9		65.0
<b>PETROBRAS BOLIVIA</b>				
San Alberto (c), 1967 .....	18,040	5	27,453	—
San Antonio (c), 1999 .....	16,400	4		—
<b>PLUSPETROL</b>				
Bermejo, 1925 .....	2,085	5		42.0



## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Madrejones, 1999 .....	14,330	—	738	—
Toro, 1954 .....	2,982	14	270	—
<b>OCCIDENTAL</b>				
Chaco Sur, 1999 .....	6,560	1	66.7	—
Naranjillos, 1964 .....	4,806	11	65.3	—
Nupucu .....	8,420	2	214	68.0
Porvenir, 1978 .....	9,600	1	60.5	—
<b>REPSOL</b>	—	—	12,579	—
<b>TOTAL</b>	—	—	0	—
<b>YPFB ANDINA</b>				
Arroyo Negro, 1999 .....	6,921	1	33.4	—
Camiri, 1927 .....	3,936	39	50.1	—
Guayruy, 1950 .....	3,300	4	49.4	—
La Pena, 1965 .....	8,856	14	45.8	—
Los Penocos, 1999 .....	5,740	2	34.4	—
Los Sauces, 2001 .....	9,845	1	61.1	—
Rio Grande, 1962 .....	8,220	18	73.7	—
Sirari, 1985 .....	13,999	6	71.7	—
Vibora, 1988 .....	12,949	17	71.0	—
Yapacani, 1968 .....	8,400	13	62.5	—
Cambeiti, 1976 .....	5,787	5	47.9	—
Magarita, 1997 .....	18,040	4	55.8	—
Monteagudo, 1967 .....	4,592	11	45.9	—
Paloma .....	17,384	16	—	—
Surubi, 1992 .....	14,078	34	44.0	—
<b>YPFB CHACO</b>				
Buio Buio, 1993 .....	15,332	4	57.3	—
Carrasco, 1991 .....	15,650	2	56.1	—
H. Suarez, 1982 .....	7,820	6	35.0	—
Kansta Norte, 2003 .....	12,468	4	61.5	—
Kansta, 2002 .....	13,124	2	63.3	—
Los Cusis, 1994 .....	8,100	7	33.6	—
Montecristo, 1976 .....	11,349	1	49.5	—
Patujueal Oeste, 2001 .....	7,002	2	34.6	—
Patujusal, 1993 .....	7,200	12	66.0	—
San Roque, 1981 .....	7,170	9	71.0	—
Vuelta Grande, 1978 .....	8,220	25	57.0	—
<b>OTHER</b>				
Palmar, 1964 .....	10,758	—	65.0	—
Cascabel, 1985 .....	11,319	—	45.6	—
Tundy, 1992 .....	10,597	—	48.6	—
Patuju .....	7,216	—	—	—
<b>Total Bolivia .....</b>		<b>361</b>	<b>51,319</b>	

## BRAZIL

### ALAGOAS STATE:

#### PETROBRAS

Anambe .....	—	—	865	—
Cidade Sao Miguel dos Campos, 1969 .....	8,741 - 9,217	11	144	43.0
Furado, 1968 .....	8,072	93	903	43.0
Japuacu .....	—	—	4	—
• Paru .....	—	—	223	—
Pilar, 1981 .....	13,199	134	2,144	39.0
Sao Miguel dos Campos, 1973 .....	5,369 - 8,931	14	109	39.0
<b>PETROSYNERGY</b>				
Cidade de Sebastiao Ferreira	—	—	0	—
Coqueiro Seco .....	—	—	8	—
Fazenda Pau Brazil, 1979 .....	12,241	1	6	38.0
Jequia, 1957 .....	11,006	2	12	34.0
Sul de Coruripe, 1986 .....	7,400	1	40	31.0
Tabuleiro do Martins, 1957 ..	3,710 - 7,341	35	267	27.5

### AMAZONAS STATE:

#### PETROBRAS

Carapanauba .....	—	—	38	—
Cupiuba .....	—	—	73	—
Leste do Urucu, 1988 .....	10,224	33	17,397	41.5
Rio Urucu, 1983 .....	9,722	36	14,546	42.0
Sudoeste Urucu .....	—	—	466	—
PA-1BRSA769AM-SOLT171 ..	—	—	1,047	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>BAHIA STATE:</b>				
<b>ALVORADA</b>				
Bom Lugar .....	—	—	43	—
Jiribatuba .....	—	—	5	—
<b>EGESA</b>				
Aracas Leste .....	—	—	7	—
<b>GRAN TIERRA</b>				
PA-1ALVABA-REC-T-129. ....	—	—	—	—
PA-1ALVABA-REC-T-155. ....	—	—	360	—
<b>ORTENG</b>				
Sempre Viva .....	—	—	0	—
<b>PANENRGY</b>				
Morro do Barro .....	—	—	0	—
<b>PETROBRAS</b>				
Cantagalo .....	—	—	9	—
Rio Pipiri .....	—	—	2	—
Tangara .....	—	—	347	—
• Manati .....	—	—	—	—
Acaja-Burizinho .....	—	—	—	—
Agua Grande, 1951 .....	752 - 5,796	330	2,601	40.0
Apraius, 1973 .....	6,347 - 6,560	5	61	39.0
Aracas, 1960 .....	2,758 - 11,513	248	4,285	46.0
Aratu, 1942 .....	1,715	21	0	37.1
Biriba, 1963 .....	10,460 - 11,662	6	8	40.0
Bonsucesso, 1992 .....	6,265 - 6,724	7	92	33.0
Breijinho, 1961 .....	4,854 - 6,314	7	83	31.0
Buracica, 1959 .....	3,618	354	4,183	35.0
Camacari .....	—	—	0	—
Canabrava, 1961 .....	4,772 - 5,025	5	32	31.0
Candeias, 1941 .....	2,615-7,710	211	994	31.0
Cassarongongo, 1959 .....	1,774 - 7,669	182	1,824	39.5
Cexis, 1960 .....	13,048	76	804	42.4
Cidade de Entre Rios, 1981 ..	4,625	10	1,007	33.8
Conceicao .....	—	—	6	—
Dom Joao .....	—	—	1,176	—
Dom Joao Mar .....	—	—	189	—
Fazenda Alto Das Pedras, 1997	8,300	1	—	—
Fazenda Alvorada, 1983. ....	1,164 - 3,536	103	856	33.3
Fazenda Azevedo, 1962 .....	7,544 - 8,364	7	49	42.0
Fazenda Balsamo, 1983 .....	3,939 - 5,592	196	3,201	32.0
Fazenda Belem .....	—	—	693	—
Fazenda Boa Esperanca/	—	—	—	—
Salgado, 1966 .....	7,970 - 9,564	42	2,203	20.0
Fazenda Imbe, 1964 .....	8,164	90	899	42.0
Fazenda Matinha .....	—	—	1	—
Fazenda Onca, 1966 .....	8,266	3	87	33.0
Fazenda Panelas, 1962 .....	4,667 - 5,809	30	1,716	36.3
Fazenda Santa Rosa .....	—	—	4	—
Fazenda Sori .....	—	—	—	—
Gomo, 1961 .....	2,827 - 3,477	10	75	39.0
Guanambi .....	—	—	84	—
Ilha de Bimbarra .....	—	—	0	—
Itaparica .....	—	—	42	—
Jacuipe .....	—	—	3	—
Jandaia .....	—	—	1,333	—
Lagoa Verde .....	—	—	650	—
Lamarao, 1966 .....	10,070 - 10,440	9	12	40.0
Leodorio .....	—	—	14	—
Malombe, 1966 .....	3,608 - 4,108	31	709	34.7
Mandacaru, 1979 .....	8,200-10,168	4	23	45.0
Mapele .....	—	—	2	—
Massape, 1960 .....	8,174 - 12,825	10	712	39.9
Massui, 1964 .....	8,725	7	162	39.5
Mata de Sao Joao, 1951 .....	3,769 - 5,294	65	871	37.4
Miranga Norte, 1971 .....	8,881 - 9,656	11	44	37.5
Miranga, 1965 .....	1,886 - 11,644	435	2,144	41.1
Norte Fazenda Caruacu/	—	—	—	—
FC/SSB, 1949 .....	3,926 - 9,591	44	141	39.0
Paramirim do Vencimento ..	—	—	—	—
Pedrinhas .....	—	—	29	—
Pojuca Norte .....	—	—	0	—
Pojuca, 1953 .....	4,430	6	29	39.0
Querera .....	—	—	1	—
Remanso, 1959 .....	2,908 - 4,592	82	706	40.0

# WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Riacho Da Barra, 1982 .....	5,871 - 7,167	61	927	39.0
Riacho Ouricuri, 1981 .....	4,605 - 4,953	21	231	36.1
Riacho Sao Pedro .....	—	—	0	—
Rio da Serra .....	—	—	83	—
Rio Do Bu, 1972 .....	3,411 - 6,435	76	2,011	33.0
Rio Dos Ovos, 1974 .....	4,940 - 5,773	19	260	35.0
Rio Itariri, 1985 .....	4,664 - 6,022	33	363	32.0
Rio Joanes .....	—	—	0	—
Rio Pojuca, 1982 .....	6,143 - 6547	44	632	37.2
Rio Sauipe .....	—	—	14	—
Rio Subauma, 1993 .....	5,576 - 5,586	3	23	34.4
Sao Domingos, 1983 .....	4,130 - 4,615	7	6	35.2
Sao Pedro, 1962 .....	4,792 - 5,983	18	27	42.0
Sesmaria, 1966 .....	6,694 - 8,630	45	192	38.0
Socoro Extensao .....	—	—	26	—
Socorro, 1958 .....	4,067 - 4,459	9	253	37.0
Sussuarana .....	—	—	5	—
Tapiranga .....	—	—	0	—
Taquipe, 1958 .....	3,122 - 7,939	160	2,509	39.0
<b>PETROSYNERGY</b>				
Canario .....	—	—	178	—
Trovoada .....	—	—	32	—
Uirapuru .....	—	—	23	—
<b>RECONCAVO E &amp; P</b>				
Acaja-Burizinho .....	—	—	6	—
Juriti .....	—	—	4	—
Lagoa do Paulo .....	—	—	73	—
Lagoa do Paulo Norte .....	—	—	68	—
Lagoa do Paulo Sul .....	—	—	2	—
<b>SANTANA</b>				
Santana, 1960 .....	6,071	19	24	37.6
<b>W. PETROLEO</b>				
Fazenda Rio Branco, 1994 .....	6,626 - 6,691	3	45	34.8
Fazenda Santo Estevao, 1967 .....	7,854 - 8,325	14	151	34.8
Sauipe, 1960 .....	6,298	2	0	30.0
Tico-Tico .....	—	—	1	—
<b>CEARA STATE:</b>				
<b>PETROBRAS</b>				
• Atum, 1979 .....	462 - 11,595	23	762	32.0
• Curima, 1978 .....	7,314 - 8,794	21	868	33.0
• Espada, 1978 .....	11,788	9	1,813	31.0
• Xareu, 1977 .....	5,838 - 7,308	32	1,800	41.0
Icapui, 1996 .....	2,253-2,362	4	15	21.6
Fazenda Belem .....	—	—	1,233	—
<b>ESPIRITO SANTO STATE:</b>				
<b>CENTRAL RESOURCES</b>				
Crejoa .....	—	—	10	—
<b>CHEIM</b>				
Rio Ipiranga .....	—	—	12	—
<b>PETROBRAS</b>				
• Beleia Franca .....	—	—	48,216	—
• Baleia Franca .....	—	—	5,013	—
Barra Do Ipiranga, 1986 .....	—	2	0	23.0
Bigua .....	—	—	3	—
• Cachalote .....	—	—	56,513	19.0
Cacimbas, 1988 .....	8,731 - 9,499	5	0	31.0
• Camarupim, 2003 .....	—	—	969	—
• Camarupim Norte .....	—	—	2,207	—
Campo Grande, 1975 .....	7,856 - 7,888	6	34	31.0
Cananela .....	—	1	—	25.0
• Canapu, 2004 .....	—	—	840	—
Canca .....	—	—	637	—
Cangoa, 1988 .....	—	—	76	—
Corrego Cedro Norte, 1982 .....	5,117-6,563	4	125	20.0
Corrego Das Pedras, 1985 .....	2,371	3	28	16.0
Corrego Dourado, 1995 .....	2,625	1	125	16.0
Fazenda Alegre, 1996 .....	2,625	47	6,633	17.0
Fazenda Cedro Norte, 1976 .....	5,117 - 6,563	27	58	29.0
Fazenda Cedro, 1972 .....	5,671 - 6,806	27	100	30.0
Fazenda Queimadas, 1981 .....	6,511	34	121	29.0
Fazenda Santa Luzia, 1992 .....	6,234	29	848	27.5
Fazenda Sao Jorge, 1983 .....	3,241 - 4,034	25	489	14.0
Fazenda Sao Rafael, 1996 .....	7,546	34	2,194	27.0
Golfinho, 2003 .....	—	—	19,393	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Guriri .....	—	—	19	—
Inhambo .....	—	—	1,079	—
Jacutinga .....	—	—	164	—
Jacutinga Norte .....	—	—	0	—
Jubarte .....	—	—	149,382	—
Lagoa Bonita .....	—	—	17	—
Lagoa Parda Norte, 1982 .....	4,435 - 7,380	21	12	18.0
Lagoa Parda Sul .....	—	—	0	—
Lagoa Parda, 1978 .....	5,248 - 7,675	62	368	30.0
Lagoa Piabanha, 1984 .....	4,631 - 5,583	17	77	11.0
Lagoa Suruaca, 1981 .....	7,865 - 9,840	34	226	56.0
Mariricu Norte, 1981 .....	5,461	1	7	20.0
Mariricu Oeste, 1981 .....	4,920	1	14	18.0
Mariricu, 1981 .....	4,986 - 5,117	9	12	24.0
Mosquito, 1999 .....	4,101	2	0	23.0
Nativo Oeste, 1994 .....	3,117	2	39	13.0
Pedra D'Agua, 1999 .....	4,265	1	—	28.0
Peroa, 1996 .....	—	—	877	—
Rio Barra Seca, 1990 .....	8,006	1	0	21.0
Rio Doce, 1980 .....	7,393 - 7,551	3	—	30.0
Rio Ibiribas, 1988 .....	2,896	1	—	14.0
Rio Itaunas Leste, 1994 .....	4,429	1	0	25.0
Rio Itaunas, 1977 .....	3,660 - 4,582	58	172	18.0
Rio Mariricu, 1981 .....	6,019 - 6,307	9	6	26.0
Rio Mariricu Sul .....	—	—	3	—
Rio Preto Oeste, 1979 .....	4,103 - 4,379	17	240	17.0
Rio Preto Sul .....	—	—	230	—
Rio Preto, 1976 .....	4,959	29	97	24.4
Rio Preto Sudeste .....	—	—	43	—
Rio Sao Mateus Oeste .....	—	—	7	—
Rio Sao Mateus, 1979 .....	4,057	35	34	25.0
Saira .....	—	—	15	—
Sao Mateus Leste .....	—	—	24	—
Sao Mateus, 1969 .....	5,510	68	431	22.0
Seriema .....	—	—	—	—
Tabuaia .....	—	—	18	—
<b>SHELL</b>				
• Abalone .....	4,921-6,562	—	0	—
• Argonauta .....	4,921-6,562	—	5,916	—
• Nautilus .....	4,921-6,562	—	—	—
• Ostra .....	4,921-6,562	—	37,344	—
<b>VIPETROL</b>				
PA1-VITA4ES-T-391 .....	—	—	1	—
PA1-VITA4ES-T-392 .....	—	—	8	—
PA1-VITA4ES-T-466 .....	—	—	3	—
<b>RIO DE JANEIRO STATE:</b>				
<b>BP</b>				
Polvo .....	—	—	12,007	—
<b>CHEVRON</b>				
• Frade .....	—	—	49,639	—
<b>OGX</b>				
Tubarao Azul .....	—	—	8,682	—
<b>PETROBRAS</b>				
• Albacora Leste, 1986 .....	8,202	3	62,904	20.0
• Albacora, 1984 .....	11,913	66	72,285	28.0
• Anequim, 1981 .....	9,348 - 10,936	3	28,928	27.0
• Badejo, 1979 .....	623 - 11,742	11	678	32.0
• Bagre, 1975 .....	13,819	12	148	27.0
• Barracuda, 1989 .....	9,186	8	119,846	24.8
• Bicudo, 1976 .....	9,761	20	4,815	23.0
• Bijupira, 1993 .....	9,000	4	—	28.0-31.1
• Bonito, 1977 .....	8,036 - 10,824	29	4,065	27.0
• Carapeba, 1982 .....	12,776	53	13,260	27.0
• Caratinga, 1994 .....	9,022	3	43,446	24.0
• Cherne, 1976 .....	14,235	38	14,448	27.0
• Congro, 1980 .....	11,086 - 15,623	7	2,278	27.0
• Corvina, 1978 .....	11,467	11	5,020	28.0
• Enchova Oeste, 1983 .....	8,410	8	4,593	25.0
• Enchova, 1976 .....	10,319	23	874	26.0
• Espadarte, 1998 .....	10,335	6	25,894	—
• Garoupa, 1974 .....	10,972 - 13,612	21	3,821	30.0
• Garoupinha, 1975 .....	9,194 - 11,480	4	194	29.0
• Linguado, 1978 .....	11,182	20	1,790	31.0
• Lula .....	—	—	84,626	—
• Malhado, 1986 .....	10,673	7	4,892	29.0



## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Marimba, 1984 .....	11,710	24	19,230	29.0
• Marlim Leste, 1987 .....	9,022	1	112,919	—
• Marlim Sul, 1988 .....	9,186	14	294,182	26.0
• Marlim, 1985 .....	11,152	90	198,515	20.0
• Moreira, 1983 .....	11,109	7	—	24.0
• Namorado, 1975 .....	13,304	40	12,765	28.0
• Nordeste de Namorado, 1987 .....	11,316 - 11,447	3	0	36.0
• Pampo, 1977 .....	11,513	40	18,364	31.0
• Parati, 1980 .....	8,728	5	151	27.0
• Pargo, 1985 .....	10,512 - 12,549	21	3,736	23.0
• Pirauna, 1981 .....	10,407	10	2,692	28.0
• Roncador, 1996 .....	10,499	8	250,833	25.0
• Tartaruga Verde .....	—	—	9,293	—
• Trilha, 1982 .....	10,447 - 11,247	4	138	31.0
• Urugua .....	—	—	11,449	33.0
• Tambau .....	—	—	184	34.0
• Vermelho, 1985 .....	11,283	71	8,194	24.0
• Viola, 1979 .....	10,250 - 12,205	11	1,954	25.0
• Voador, 1987 .....	10,211 - 12,300	8	10,277	—
• PA1BRSA713RJS-BMC36CM-401 .....	—	—	—	—
<b>SHELL</b>				
• Bijupira .....	—	—	12,717	—
• Salema, 1990 .....	1,476-2,624	4	4,038	28.0-31.0
<b>STATOIL</b>				
Peregrino .....	—	—	61,334	—
<b>RIO GRANDE DO NORTE STATE:</b>				
<b>ALLPETRO</b>				
Chaua .....	—	—	0	—
<b>ARCLIMA</b>				
Sao Manuel .....	—	—	2	—
<b>CENTRAL RESOURCES</b>				
Carcara .....	—	—	14	—
<b>GENESIS 2000</b>				
Riachos Velho .....	—	—	2	—
<b>PARTEX</b>				
Cardeal .....	—	—	302	—
Colibri .....	—	—	21	—
<b>PETROBRAS</b>				
Acaua .....	—	—	11	—
• Agulha, 1975 .....	649 - 8,987	10	3,037	32.0
Alto Do Rodrigues, 1981 .....	3,018	545	2,590	18.0
Angico .....	—	—	8	—
• Arabaiana .....	—	—	154	—
• Aratum, 1982 .....	4,841	5	256	32.0
Asa Branca .....	—	—	92	—
Baixa Do Algodao, 1986 .....	1,345 - 2,614	41	508	37.0
Baixa do Juazeiro .....	—	—	3	—
Barrinha Leste .....	—	—	1	—
Barrinha, 1990 .....	5,350	1	9	31.0
Benfica, 1997 .....	2,624-5,248	27	727	48.0
• Biquara .....	—	—	0	—
Boa Esperanca, 1997 .....	2,788-3,280	10	269	36.0
Boa Vista, 1994 .....	2,624-4,264	63	551	35.0
Brejinho, 1961 .....	9,958	47	664	38.0
Cachoeirinha, 1986 .....	7,246	20	237	37.0
Canto Do Amaro, 1983 .....	5,100	1,157	20,516	44.0
• Cioba .....	—	—	560	—
Colibri .....	—	—	—	—
• Dentao .....	—	—	0	—
Estreito, 1981 .....	1,814	1,015	6,943	16.0
Fazenda Belem, 1987 .....	3,700	591	—	42.1
Fazenda Canaa, 1990 .....	5,100 - 5,353	6	58	37.0
Fazenda Curral, 1988 .....	3,280 - 4,169	7	158	25.5
Fazenda Junco .....	—	—	6	—
Fazenda Malaquias, 1989 .....	3,739	26	694	36.0
Fazenda Pocinho, 1981 .....	3,510	317	3,512	25.0
Guamare, 1980 .....	2,152 - 3,228	51	544	22.0
Irauna .....	—	—	19	—
Jacana .....	—	—	182	—
Jandui, 1984 .....	5,829 - 6,117	10	3	31.0
Juazeiro, 1990 .....	6,445	4	14	39.0
Lagoa Aroeira, 1982 .....	2,624	6	82	17.9

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Leste Poco Xavier, 1991 .....	3,608-4,756	12	470	39.0
Livramento, 1983 .....	3,136 - 7,879	41	933	38.0
Lorena, 1984 .....	5,724	44	794	42.0
Macau, 1981 .....	3,332 - 4,300	14	29	38.8
Monte Alegre, 1981 .....	1,706	38	661	22.0
Morrinho, 1994 .....	2,624-5,248	14	159	35.0
Mossoro, 1979 .....	3,116	59	568	35.0
Noroeste Do Morro Do Rosado, 1987 .....	7,459 - 10,076	4	0	36.0
• Oeste de Ubarana .....	—	—	92	—
PA-1BRSA489DRN-BT-POT8 .....	—	—	37	—
PA-1BRSA558-1BRSA675S-POTT744E745 .....	—	—	38	—
Pajeu, 1995 .....	1,476-1,804	38	478	32.0
Pedra Sentada .....	—	—	5	—
• Pescada, 1980 .....	10,450-11,710	6	365	44.0
Pintassilgo .....	—	—	705	—
Poco Verde, 1990 .....	5,630	2	230	30.0
Poco Xavier, 1987 .....	12,054	8	47	42.0
Ponta Do Mel, 1986 .....	2,952 - 6,807	21	210	40.0
Porto Carao, 1992 .....	2,736	7	191	16.7
Redonda Profundo, 1990 .....	4,828	65	469	42.0
Redonda, 1984 .....	2,575 - 2,795	26	238	18.0
Rlacho Da Forquilha, 1988 .....	13,366	28	2,971	44.0
Rio Mossoro, 1984 .....	5,943 - 6,462	4	25	34.0
Sabia .....	—	—	0	—
Salina Cristal, 1982 .....	4,412	115	2,362	20.0
Sanhacu .....	—	—	94	—
Sao Manuel, 1987 .....	8,088	24	—	28.0
Serra do Mel, 1997 .....	5,904-6,232	1	9	45.0
Serra Vermelha, 1986 .....	3,319 - 3,346	7	5	39.0
• Serra, 1996 .....	2,788-3,018	8	3,892	—
Serraria, 1982 .....	4,520 - 5,825	41	364	36.4
Tres Marias, 1981 .....	3,493 - 5,136	14	91	39.0
Trinca Ferro .....	—	—	63	—
• Ubarana, 1973 .....	1,174 - 12,287	97	2,038	36.0
Upanema, 1984 .....	10,794	36	104	36.6
Varginha, 1997 .....	4,756-6,068	6	56	39.0
<b>PETROGAL</b>				
Andorinha .....	—	—	61	—
Andorinha Sul .....	—	—	20	—
<b>PETROSYNERGY</b>				
Aracari .....	—	—	19	—
Irere .....	—	—	9	—
Pitiguari .....	—	—	0	—
<b>SONANGOL STARFISH</b>				
PA-1STAR10RN-POT-T-748 .....	—	—	—	—
PA-1STAR10RN-POT-T-749 .....	—	—	235	—
<b>UTC ENGENHARIA</b>				
Galo de Campina .....	—	—	47	—
Rolinha .....	—	—	3	—
<b>UTC OLEO E GAS</b>				
Concruz .....	—	—	1	—
Joao de Barro .....	—	—	17	—
Periquito .....	—	—	38	—
<b>SAO PAULO STATE:</b>				
<b>PETROBRAS</b>				
• Bauna .....	—	—	17,244	—
• Lagosta .....	—	—	1,573	—
• Merulza .....	—	—	247	—
• Mexilhao .....	—	—	2,802	—
• PA-1BRSA491 SPS-BM-S-9 .....	—	—	8,049	—
• Piracaba .....	—	—	7,297	—
<b>SERGIPE STATE:</b>				
<b>ALVORADA</b>				
Cidade de Aracaji .....	—	—	6	—
<b>NORD</b>				
Harpia .....	—	—	3	—
<b>PETROBRAS</b>				
Aguilhadas, 1966 .....	3,044 - 4,654	4	194	31.0
Angelim, 1968 .....	3,788 - 3,962	17	91	22.0
Aruarl, 1986 .....	3,126	4	62	24.8
Atalaia Sul, 1976 .....	7,255	9	76	36.0

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Brejo Grande, 1969 .....	4,264 - 5,678	18	224	32.0
• Caioba, 1971 .....	7,101 - 9,322	22	68	39.0
• Camorim, 1971 .....	1,856 - 10,102	78	1,084	40.0
Carmopolis, 1963 .....	5,924	1,208	21,571	30.0
Carmopolis Noroeste .....	—	—	28	—
Castanhal, 1967 .....	1,312 - 1,612	61	307	15.5
• Dourado, 1970 .....	5,284	22	72	43.0
• Guaricema, 1968 .....	6,153	45	1,698	43.0
Ilha Pequena, 1983 .....	3,608 - 10,056	14	147	41.0
Mato Grosso do Norte .....	—	—	85	—
Mato Grosso do Sul .....	—	—	38	—
Mato Grosso Noroeste .....	—	—	46	—
Mato Grosso Sudoeste .....	—	—	14	—
Mato Grosso, 1969 .....	2,034 - 2,444	18	545	28.0
• Piranema .....	—	—	5,528	—
Riachuelo, 1961 .....	1,220 - 3,291	285	3,028	28.4
• Salgo, 1984 .....	5,084	3	158	28.0
Siririzinho, 1967 .....	328 - 2,447	279	4,839	25.0
• Tatui .....	—	—	56	—
<b>PETROGAL</b>				
PA-1GALP11-1GALP12-BT-SEAL13 .....	—	—	174	—
<b>RAL</b>				
Fox do Vaza-Barris .....	—	—	1	—
<b>SEVERO VILLARES</b>				
Tigre .....	—	—	26	—
<b>SILVER MARLIN</b>				
Carapitanga .....	—	—	4	—
<b>SONANGOL STARFISH</b>				
Aracua .....	—	—	62	—
<b>UP PETROLEO BRASIL</b>				
• Tartaruga .....	—	—	74	—
<b>Total Brazil .....</b>		<b>11,792</b>	<b>2,171,705</b>	

## BRUNEI

<b>SHELL</b>				
• Ampa Southwest, 1963 .....	7,068-8,155	152	—	41.0
Asam Paya, 1989 .....	—	—	—	—
• Champion, 1970 .....	4,300	239	23.0	—
• Champion West, 1975 .....	—	2	—	—
• Enggang, 1992 .....	—	3	—	—
• Fairley, 1969 .....	10,740	30	40.0	—
• Fairley-Baram, 1973 .....	9,500	3	40.0	—
• Gannet, 1,977 .....	—	—	40.0	—
• Iron Duke, 1973 .....	—	4	—	—
• Maggie, 1975 .....	—	20	31.0	—
• Peragam, 1990 .....	—	—	—	—
Rasau, 1929 .....	—	27	30.0	—
Seria-Tali, 1929 .....	—	292	34.0	—
<b>TOTAL SA</b>				
• Maharaja Lela, 1989 .....	12,205	7	5,333	—
<b>Total Brunei .....</b>		<b>779</b>	<b>145,700</b>	

## BULGARIA

<b>OIL AND GAS EXPLORATION AND PRODUCTION PLC</b>				
Bardarski Geran .....	—	1	—	—
Bazoveta (c), 1985 .....	—	—	—	—
Bohot .....	—	—	42.3	—
Budarski Geran, 1976 .....	—	—	38.0	—
Bulgarevo (c) .....	—	4	—	—
Butan (c), 1989 .....	—	1	49.9	—
Dolni Dubnik, 1962 .....	10,827-11,423	7	42.3	—
Dolni Lucovit, 1975 .....	10,170-10,827	6	39.0	—
Dolni Lucovit West .....	—	—	—	1,000
Durankulak (c) .....	—	1	—	—
Gigen .....	312-3,201	—	—	—
Gorni Dubnik, 1965 .....	10,827-11,423	4	40.0	—
Kriva Bara .....	—	—	54.4	—
Marinov Geran (c) .....	—	1	—	—
Selanovtzi .....	—	4	—	—
Starosaltsi .....	—	2	39.0	—
Tjulenov, 1955 .....	1,148-1,312	250	19.4	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Uglen (c), 1987 .....	16,732-17,388	—	—	49.9
<b>Total Bulgaria .....</b>		<b>281</b>	<b>1,000</b>	

## CAMEROON

### PECTEN INTERNATIONAL

• Makoko Northeast .....	4,600	45	21,800	29.0
• Makoko South Marine, 1977 .....	3,300	27	—	17.0

### PERENCO

• Asoma Centre, 1977 .....	4,000	10	—	26.1
• Asoma Marine, 1973 .....	3,600	8	—	19.0
• Bakassi Marine, 1976 .....	6,500	1	—	37.1
• Bakingili, 2004 .....	—	—	—	—
• Barombi Marine, 1975 .....	7,400	2	—	34.1
• Bavo, 1976 .....	5,600	23	—	29.3
• Betika Centre, 1996 .....	5,530	4	—	36.2
• Betika Sud Marine, 1979 .....	6,300	2	—	30.0
• Betika, 1972 .....	5,300	5	—	42.5
• Biboundi, 1974 .....	6,400	0	—	34.6
• Boa, 1976 .....	5,900	4	—	35.0
• Ebome (KF, KB, BaF), 1996 ..	—	—	—	—
• Ekoundou Horst plus Center, 1972	7,200	22	40,000	29.0
• Ekoundou Nord Marine, 1977	5,250	12	—	36.0
• Ekoundou Sud, 1975 .....	6,200	11	—	24.0
• Inoua Marine, 1976 .....	6,200	9	—	32.8
• Itindi, 1977 .....	5,600	14	—	26.1
• Kita East Marine, 1978 .....	6,900	9	—	40.8
• Kole Superieur, 1978 .....	4,100	6	—	23.0
• Kole, 1974 .....	5,500	8	—	31.0
• Kombo Center, 1976 .....	5,900	14	—	37.0
• Kombo Nord, 1978 .....	5,700	4	—	36.0
• Kombo Sud, 1979 .....	5,700	2	—	42.1
• Moudi D., 1980 .....	3,300	5	—	21.3
• Nyangassa, 1977 .....	5,100	5	—	29.8
• Victoria (Moudi), 1979 .....	5,250-5,900	3	—	40.0
<b>Total Cameroon .....</b>		<b>255</b>	<b>61,800</b>	

## CANADA

### ALBERTA

Acheson, 1950 .....	3,390	—	1,110	38.0
Bantry, 1940 .....	2,574-3,300	—	5,250	—
Bellshill Lake, 1955 .....	2,950	—	2,405	—
Bigoray .....	—	—	819	—
Bonnie Glen, 1952 .....	3,959-6,779	—	90	34.0-44.0
Brazeau River .....	—	—	3,957	—
Caroline .....	—	—	1,645	—
Carson Creek North, 1958 .....	8,787-8,935	—	1,969	44.0
Chauvin South .....	—	—	8,989	—
Clive, 1951 .....	6,074-6,208	—	186	—
Countess, 1951 .....	2,858-4,272	—	7,348	—
Fenn Big Valley, 1950 .....	3,900-5,400	—	1,140	32.0
Ferrier .....	—	—	5,348	—
Gilby, 1962 .....	4,201-7,000	—	1,483	—
Golden Spike, 1949 .....	3,570-5,961	—	69	36.0
Grand Forks .....	—	—	2,900	—
Harmattan East, 1954 .....	6,358-8,766	—	5,162	—
Harmatton Elkton, 1955 .....	8,796-10,757	—	428	—
Hayter, 1968 .....	2,030-2,815	—	5,919	—
Innisfail, 1956 .....	6,730-8,440	—	na	—
Joarcam, 1949 .....	3,179	—	903	—
Joffre, 1953 .....	4,983-6,779	—	776	—
Judy Creek, 1951 .....	8,307-8,701	—	12,060	43.0
Kaybob, 1957 .....	4,870-9,577	—	9,188	—
Kaybob South, 1958 .....	5,600-10,042	—	2,126	—
Leduc-Woodbend, 1947 .....	3,062-5,380	—	2,874	—
Lloydminster, 1933 .....	1,690-1,945	—	53,572	—
Medicine River, 1954 .....	5,435-7,600	—	1,391	—
Mitsue, 1964 .....	5,908	—	4,922	—
Nipisi, 1965 .....	5,648-5,726	—	5,470	41.0
Pembina, 1953 .....	3,000-6,133	—	74,737	32.0-37.0
Provost, 1946 .....	2,760-2,898	—	29,449	—
Rainbow, 1965 .....	4,994-6,160	—	9,444	38.0-42.0
Rainbow South, 1965 .....	6,102-6,400	—	1,214	—
Red Earth, 1956 .....	4,184-4,878	—	3,622	—
Redwater, 1948 .....	2,012-3,200	—	16,074	35.0

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Simonette, 1958 .....	10,500		1,519	—
Sturgeon Lake South, 1953 ..	4,912-8,471		3,072	37.0
Suffield .....	—		15,515	—
Swan Hills, 1957 .....	8,100		16,251	40.0
Swan Hills South, 1959 .....	8,400		4,633	—
Turner Valley, 1913 .....	3,100-9,150		2,779	39.0
Utikuma Lake, 1963 .....	5,624		1,300	—
Valhalla, 1973 .....	1,815-7,060		8,084	—
Viking-Kinsella .....	—		6,219	—
Virginia Hills, 1957 .....	9,210		4,303	34.0
Wainwright, 1925 .....	1,903-2,200		2,445	—
Westerose, 1952 .....	6,818		98	—
Willisden Green, 1956 .....	5,157		10,139	—
Wizard Lake, 1951 .....	4,044-5,973		67	—
Zama, 1966 .....	3,702		1,226	33.0-37.0
Other .....	—		194,430	—
<b>BRITISH COLUMBIA</b>				
Boundary Lake, 1957 .....	3,418-4,575		4,474	40.0
Peejay .....	—		289	—
Milligan Creek .....	—	998	88	—
Eagle West .....	—		585	—
Inga .....	—		547	—
Other .....	—		14,944	—
<b>EAST COAST</b>				
• Hibernia, 1979 .....	12,500		131,061	35.0
• Terra Nova, 1984 .....	11,000	—	23,210	32.0
• White Rose, 1984 .....	9,900		24,564	30.7
Other .....	—		18,550	—
<b>MANITOBA</b>				
Total for all fields .....	—	3,700	47,984	—
<b>NORTHWEST TERRITORIES</b>				
Norman Wells, 1920 .....	1,960	—	12,774	39.0
Other .....	—		237	—
<b>ONTARIO</b>				
Total for all fields .....	—	—	1,393	—
<b>SASKATCHEWAN</b>				
Steelman, 1950 .....	—		6,758	—
Weyburn, 1955 .....	4,600	29,560	29,678	—
Other .....	—		433,261	—
<b>OTHER</b>				
Bitumen .....	—	13,191	1,744,240	—
<b>Total Canada .....</b>		<b>82,661</b>	<b>3,050,757</b>	

## CHAD

<b>ESSO CHAD</b>				
Bolobo, 1989 .....	5,200			25.0
Kome', 1977 .....	5,200			25.0
Maikeri .....	5,200			25.0
Miandoum, 1975 .....	—	666	101,400	—
Moundoulo .....	—			—
Nya .....	—			—
Timbre .....	—			—
<b>Total Chad .....</b>		<b>666</b>	<b>101,400</b>	

## CHILE

<b>EMPRESA NACIONAL DEL PETROLEO (ENAP)-CONTINENTE</b>				
Canadon, 1962 .....	6,090	3		38.4
Daniel, 1960 .....	5,806	29		25.4
Daniel Este, 1961 .....	5,523	8		25.0
Delgada Este, 1958 .....	7,694	12		35.0
Dungeness, 1962 .....	5,251	7		28.6
Faro Este, 1959 .....	7,381	5		35.0
Posesion, 1960 .....	5,622	36		63.6
<b>ENAP-COSTA AFUERA</b>				
Anguila AN-1, 1989 .....	5,758	8		32.0
Atun AT-1, 1992 .....	5,722	5		33.0
Catalina Norte, 1989 .....	5,807	13		38.0
Daniel, 1990 .....	5,840	17		35.0
Daniel Este-Dungeness, 1984	6,126	18		35.9
Ostion, 1979 .....	7,156	11		33.0
Pejerrey, 1984 .....	7,229	16		39.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Posesion, 1980 .....	6,727	12		34.5
Skua, 1988 .....	5,932	24		32.0
Spiteful, 1979 .....	6,288	15	6,100	34.5
Spiteful Norte, 1980 .....	7,150	5		39.0
Terramar, 1991 .....	6,211	7		33.0
<b>ENAP-ISLA</b>				
Calafate, 1956 .....	6,045	6		49.3
Catalina, 1956 .....	5,756	3		38.7
Catalina Sur, 1962 .....	5,779	3		44.0
Cullen, 1954 .....	5,730	16		41.8
Cullen Este, 1988 .....	5,479	1		40.0
Flamenco, 1954 .....	6,545	5		40.2
Gaviota Norte, 1990 .....	7,000	5		38.0
Golondrina, 1978 .....	5,906	2		37.0
Gorrior, 1986 .....	6,025	2		39.0
Lago Mercedes, 1992 .....	12,468	1		—
Punta Baja, 1954 .....	7,545	3		39.0
Sombrero Este, 1992 .....	6,506	2		36.0
Tres Lagos, 1957 .....	5,724	15		40.1
<b>GEOGRAPHIC</b>				
Fell Block .....	8,200-11,500	9		32.0
<b>Total Chile .....</b>		<b>324</b>	<b>6,100</b>	

## CHINA

### CHINA NATIONAL PETROLEUM CO.

<b>Northeast:</b>				
Daqing .....	—	20,784		—
Jilin .....	—	5,695		—
Liaohe .....	—	9,808		—
<b>North:</b>				
Dagang .....	—	2,137		—
Huabei .....	—	2,886		—
Jidong .....	—	193		—
<b>Northwest:</b>				
Changqing .....	—	2,213		—
Qinghai .....	—	351		—
Tarim .....	—	118		—
Turpan-Hami .....	—	—		—
Xinjiang .....	—	6,904		—
Yanchang .....	—	—		—
Yumen .....	—	1,139		—
<b>Southwest:</b>				
Sichuan .....	—	243		—
Tuha .....	—	—		—

### SINOPEC

<b>East:</b>				
Jiangsu/Anhui .....	—	539		—
Shengli .....	—	14,367		—
Zhongyuan .....	—	2,499		—
<b>Central &amp; South:</b>				
Henan .....	—	1,205		—
Jiangnan .....	—	461		—
Dianqiangui .....	—	—		—
NewStar .....	—	—		—
• Offshore .....	—	—		—

### CHINA NATIONAL OFFSHORE OIL CO.

<b>Bohai Bay:</b>				
• Bozhong 34-2, 34-4, 28-1, 26-2, 34-5, 25-1, 25-18 .....	—	7		—
• Caofeidian 11/1-3, 11-5 .....	—	—		—
• Caofeidian 11-6, 12-18 .....	—	—		—
• Chengbei .....	—	—		—
• Jinzhou 20-2, 9-3 .....	—	—		—
• Luda 4-2, 5-2, 10-1 .....	—	—		—
• Nanbao 35-2 .....	—	—		—
• Penglai 19-3 .....	—	—		—
• Qikou 18/1-2, 17/2-3 .....	—	—		—
• Qinghuangdao 32-6 .....	—	—		—
• Suizhong 36-1, 1986 .....	106	—		—
<b>Eastern South China Sea:</b>				
• Huizhou .....	—	—		—
• Huizhou 19-3, 19-2, 19-1 .....	—	—		—
• Xijiang 24-3 .....	—	—		—
• Xijiang 30-2 .....	—	—		—
• Liuhua 11-1, 1987 .....	1,210	—		—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Lufeng 13/1-2 .....	—	—	—	—
• Lufeng 22-1 .....	—	—	—	—
• Panyu 4-2, Panyu 5-1 .....	—	—	—	—
• Western South China Sea: ..	—	—	—	—
• Weizhou, 2006 .....	96	3	—	—
• Wenchang 13/1-2 .....	—	—	—	—
• Yacheng 13-1, 1983 .....	—	—	—	—
• Dongfeng 1-1 .....	—	—	—	—
• East China Sea: .....	—	—	—	—
• Pinghu, 1992 .....	—	—	—	—
• Other fields .....	—	—	—	—
<b>CONOCOPHILLIPS</b>				
Peng Lai .....	—	—	61,224	—
<b>Total China .....</b>		<b>71,552</b>	<b>4,121,900</b>	

## CHINA, TAIWAN

### CHINESE PETROLEUM

Chingtsouhu, 1967 .....	5,346-12,000	8	200	60.0
Chinshui & Yunghoshan, 1971 .....	5,248-12,000	18		45.0
Chuhuangkeng, 1904 .....	6,560-15,600	33		35.0
Tiechengshan, 1962 .....	9,840	12		51.0
Other .....	6,560-8,800	—		30.0
<b>Total China, Taiwan .....</b>		<b>71</b>	<b>200</b>	

## COLOMBIA

### ALANCE ENERGY

Arauco .....	—	—	438	—
Barranquero .....	—	—	1	—
Careto .....	—	—	464	—
Cernicalo .....	—	—	204	—
Copa .....	—	—	851	—
Copa A Sur .....	—	—	359	—
Copa B .....	—	—	435	—
Petirjo .....	—	—	1,046	—
Tijereto .....	—	—	47	—
Yopo .....	—	—	894	—

### AMERISUR

Platanillo .....	—	—	1,183	—
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### C&C ENERGY

Abedus .....	—	—	11	—
Bastidas .....	—	—	805	—
Cachicamo .....	—	—	188	—
Carrizales .....	—	—	3,398	—
Ciriguelo .....	—	—	371	—
Greta Oto .....	—	—	183	—
Guacharaca .....	—	—	186	—
Heredia .....	—	—	78	—
Hoatzin .....	—	—	1,316	—
Matemarrano .....	—	—	149	—
Saimiri .....	—	—	346	—
Tormento .....	—	—	66	—
Zopilote .....	—	—	3,759	—

### CANACOL ENERGY

Entrerios .....	—	—	555	—
Labrador .....	—	—	136	—
Rancho Hermoso, 1984 .....	11,825	2	18,024	36.3

### CEPCOLSA

Akira .....	—	—	22	—
Caracara .....	—	—	10,991	—
Elisita .....	—	—	2,474	—
Jaguar Southwest .....	—	—	1,037	—
Jiguero .....	—	—	1,334	—
Jiguero Sur .....	—	—	1,555	—
Kitaro .....	—	—	420	—
Las Maracas .....	—	—	2,465	—
Melero .....	—	—	264	—
Palmero .....	—	—	17	—
Peguita .....	—	—	2,651	—
Rancho Quemado .....	—	—	270	—
Toro Sentado .....	—	—	1,595	—

### CLEAN ENERGY

Canaguaro .....	—	—	433	—
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Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>COLOMBIA ENERGY DEV. CO.</b>				
Boral .....	—	—	104	—
Canacabare (PE) .....	—	—	92	—
Estero (PE) .....	—	—	179	—
Los Hatos .....	—	—	41	—
Olivo/Catalina .....	—	—	40	—
Tilodiran .....	—	—	884	—
Torcay .....	—	—	4	—
<b>CONSORCIO CAMPOS</b>				
Quebrada Roja .....	—	—	—	—
Toca .....	—	—	46	—
<b>COPP SA</b>				
Lilia .....	—	—	3	—
Opon, 1994 .....	1,100	11	22	36.0
<b>DRILLING AND WORKOVER</b>				
Camoa, 1989 .....	7,491	1	103	—
<b>ECOPETROL</b>				
Acac, 1965 .....	10,752	19	—	29.8
Acac Sur .....	—	—	658	—
Agua Blanca, 1963 .....	8,109	7	24	31.9
Akacias .....	—	—	1,461	—
Andalucia Sur, 1980 .....	2,300	2	94	32.9
Apiay Este, 1987 .....	11,747	1	321	15.0
Apiay, 1981 .....	11,074	25	6,874	20.9
Arauca, 1980 .....	—	6	252	—
Arrayan .....	—	—	1,138	—
Austral, 1987 .....	11,012	1	53	31.5
Balcon, 1988 .....	10,482	30	1,944	—
Bonanza, 1963 .....	4,450	23	1,397	15.7
Boquete, 1961 .....	8,290	26	7	44.0
Brisas, 1973 .....	5,948	10	301	23.0
Caipal, 1957 .....	5,842	12	460	15.6
Caribe, 1969 .....	7,871	4	638	29.9
Casabe Sur .....	—	—	3,837	—
Casabe, 1941 .....	4,332	1,052	19,035	20.9
Castilla Este, 1989 .....	7,420	1	698	13.4
Castilla Norte, 1988 .....	7,822	2	47,311	13.5
Castilla, 1969 .....	7,250	26	63,439	13.4
Cebu, 1981 .....	6,865	14	292	19.5
Cencella, 1991 .....	9,631	1	1	28.9
Chichimene .....	—	—	36,321	20.0
Chichimene/SW, 1969 .....	—	18	7,818	20.0
Churuyaco, 1968 .....	9,185	4	36	29.7
Cicuco, 1956 .....	8,465	31	778	40.7
Conde, 1960 .....	9,885	14	389	21.1
Cristalina, 1959 .....	11,147	10	125	29.0
CSE-8 .....	—	—	142	—
Cupiagua .....	—	—	12,770	—
Cupiagua Sur .....	—	—	7,649	—
Cusiana .....	—	—	6,593	—
Dina Cretaceos, 1969 .....	6,892	44	621	20.9
Dina Terciarios, 1962 .....	4,298	83	6,599	19.9
Don Pedro Norte .....	—	—	117	—
Dorcas .....	—	—	18	—
Embrujo .....	—	—	135	—
Espino .....	—	—	17	—
Fauno .....	—	—	6	—
Gala, 1985 .....	8,053	12	1,810	21.0
Galan, 1945 .....	4,745	117	858	20.4
Garzas, 1957 .....	10,012	3	387	31.0
Gavan, 1995 .....	11,168	1	2,577	14.2
Guariques .....	—	—	57	—
Guarrojo .....	—	—	416	—
Guatiquia, 1985 .....	12,250	4	4,318	21.6
Guayuriba, 1984 .....	10,931	3	21	42.2
Hormiga, 1969 .....	11,154	6	99	—
Infantas, 1921 .....	2,308	572	6,675	27.5
La Canada Norte .....	—	—	1,363	—
La Cira, 1923 .....	3,128	1,148	27,524	23.6
La Hocha .....	—	—	1,482	—
La Jagua, 1986 .....	6,033	4	40	—
La Reforma, 1985 .....	11,519	2	0	32.5
Libertad Norte, 1986 .....	11,263	5	46	32.0
Libertad, 1985 .....	11,200	4	85	36.1
Lisama Profundo .....	—	—	188	—
Lisama, 1968 .....	8,291	149	1,378	32.4

# WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Llanito, 1958.....	7,623	87	2,637	20.7
Lomalarga.....	—	—	495	—
Loro, 1968.....	10,632	16	650	25.6
Los Trompillos.....	—	—	14	—
Mansoya, 1989.....	9,595	1	175	32.8
Mito.....	—	—	138	—
Nutria, 1969.....	8,506	29	2,195	29.0
Ocelote.....	—	—	17,548	—
Orito, 1963.....	4,653	113	4,303	26.3
Ortega, 1951.....	6,810	17	231	28.1
Pacande, 1989.....	8,150	2	647	30.0
Palagua, 1954.....	4,753	230	5,324	14.6
Palmermo, 1988.....	3,428	6	184	—
Palogrande, 1971.....	6,735	44	1,157	20.1
Penas Blancas, 1968.....	8,069	7	219	24.0
Peroles, 1977.....	6,926	12	43	34.8
Petrolea, 1945.....	1,284	159	98	43.2
Pijao, 1981.....	7,732	18	315	20.3
Pintado.....	—	—	108	—
Pompeya, 1988.....	10,668	4	7	32.5
Provincia.....	—	—	3,191	—
Quilili, 1958.....	9,576	3	246	22.0
Quimbaya, 1988.....	5,902	3	229	17.4
Quriana.....	—	—	110	—
Rio Ceibas, 1988.....	5,383	69	1,585	—
Rio Zulia, 1962.....	6,808	38	648	40.8
Rumbero.....	—	—	26	—
San Antonio, 1969.....	9,601	4	377	22.0
San Francisco, 1985.....	3,213	164	6,874	—
San Luis, 1968.....	3,580	10	53	36.0
San Roque, 1965.....	8,895	2	907	26.6
San Silvestre, 1945.....	4,178	24	7	19.9
Santa Clara, 1987.....	3,078	16	1,063	18.6
Santiago, 1985.....	10,361	3	1,343	22.5
Sardinata, 1950.....	7,178	—	546	40.6
Saurio, 1988.....	10,858	1	234	42.7
Sibundoy, 1989.....	9,620	1	31	27.6
Sucio, 1970.....	7,962	2	87	28.0
Sucombios, 1959.....	9,135	5	511	32.6
Suria Sur, 1986.....	10,703	10	2,354	33.0
Suria, 1984.....	10,931	7	4,600	32.0
Teca, 1970.....	2,488	343	1,547	12.8
Tello, 1972.....	8,746	64	5,120	—
Tempranillo.....	—	—	955	—
Tempranillo Norte.....	—	—	116	—
Tenax.....	—	—	137	—
Tenay, 1985.....	12,098	4	955	36.5
Tesoro, 1979.....	8,784	33	471	33.1
Tibu, 1940.....	4,744	533	2,135	30.7
Tisquirama Este.....	—	—	86	—
Tisquirama, 1963.....	8,641	13	1,442	24.8
Toldado, 1987.....	6,750	8	927	19.9
Toy, 1987.....	2,292	5	154	18.2
Trasgo.....	—	—	11	—
Valdivia/Almagro, 1988.....	5,785	6	719	22.6
Yaguara, 1987.....	13,000	99	2,614	—
Yarigui, 1954.....	8,493	72	14,323	19.3
Yurilla, 1992.....	9,720	1	169	31.2
<b>EMERALD ENERGY COLOMBIA</b>				
Campo Rico (PE), 2004.....	11,795	3	677	17.0
Capella.....	—	—	375	—
Centauro Sur.....	—	—	293	—
Gigante, 1996.....	13,000	8	765	32.0
Las Acacias.....	—	—	304	—
Los Potros.....	—	—	135	—
Mirto.....	—	—	592	—
Pimiento.....	—	—	46	—
Silfide.....	—	—	—	—
Totumal.....	—	—	5	—
Vigia (PE), 2005.....	10,500	2	635	16.0
<b>EQUION ENERGIA</b>				
Cupiagua, 1993.....	16,807	121	4,921	41.0
Cusiana, 1988.....	15,590	166	7,880	36.4
Dele.....	—	—	376	—
Florena, 1998.....	16,196	19	12,610	—
Pauto Sur Piedemonte, 1998.....	19,723	22	14,671	—
Pauto Sur Recetor.....	—	—	1,788	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>FENIX OIL &amp; GAS</b>				
Fenix.....	—	—	1	—
<b>GRAN TIERRA ENERGY</b>				
Costayaco.....	—	—	14,912	—
Guayuyaco (PE).....	—	—	432	—
Juanambu.....	—	—	1,467	—
Linda, 1990.....	9,218	6	25	28.0
Mary, 1990.....	8,084	6	409	28.3
Mirafior, 1991.....	6,955	4	133	27.5
Moqueta.....	—	—	1,968	—
Toroyaco, 1989.....	9,443	5	233	27.6
<b>HARKEN DE COLOMBIA LTD.</b>				
Cajaro.....	—	—	—	—
<b>HUPECOL</b>				
Cuerva Sur.....	—	—	513	—
Cuerva Sur Oeste.....	—	—	1,556	—
<b>INTEROIL</b>				
Altair.....	—	—	320	—
Ambrosia-1 (PE).....	—	—	40	—
Mana.....	—	—	1,190	—
Mana Sur.....	—	—	92	—
Mizar.....	—	—	21	—
Puli, 1991.....	—	6	119	—
Rio Opia (PE).....	—	—	63	—
Toqui Toqui, 1986.....	3,000	41	719	21.4
Totare, 1987.....	1,417	10	66	—
<b>LEWIS ENERGY</b>				
Guahibos.....	—	—	194	—
Los Aceltes.....	—	—	574	—
Primavera.....	—	—	141	—
Tulipan.....	—	—	4	—
<b>LUKOIL OVERSEAS</b>				
Condor - Medina.....	—	—	1	—
<b>MANSAROVAR ENERGY</b>				
Abarco.....	—	—	2,577	—
Chicala.....	—	—	32	—
Girasol.....	—	—	7,773	—
Jasmin.....	—	—	8,215	—
Moriche, 1983.....	—	3	11,873	—
Nare, 1981.....	2,400	75	319	12.8
Underriver.....	—	—	1,450	—
Velasquez, 1946.....	—	262	3,213	—
<b>META PETROLEUM</b>				
Ambar.....	—	—	1,460	—
Opalo.....	—	—	911	—
Quifa.....	—	—	45,256	—
<b>MOMPOS OIL</b>				
Carbonera - La Silla, 1939....	4,797	7	12	21.0
<b>NCT ENERGY GROUP</b>				
Flami.....	—	—	282	—
Mani.....	—	—	78	—
<b>NEW GRANADA ENERGY</b>				
Cabiona.....	—	—	886	—
Dorotea B.....	—	—	5,892	—
Garzas Doradas.....	—	—	167	—
Leona B.....	—	—	82	—
Leona B Sur.....	—	—	97	—
Leona C.....	—	—	58	—
<b>OCCIDENTAL</b>				
Araguato.....	—	—	208	—
Calamaro.....	—	—	2,374	—
Canaguey.....	—	—	4,257	—
Cano Limon, 1983.....	10,176	178	35,159	29.0
Cano Rondon.....	—	—	200	—
Cano Rondon Este.....	—	—	1,214	—
Cano Yarumal.....	—	—	6,302	—
Caricare.....	—	—	8,585	—
Chipiron.....	—	—	2,335	—
Jiba.....	—	—	582	—
Matanegra Oeste (SR).....	—	—	36	—
Morrococoy.....	—	—	1,055	—
Pastora.....	—	—	36	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Redondo .....	—	—	1,071	—
Redondo Este .....	—	—	58	—
Terecay .....	—	—	1,228	—
Tonina .....	—	—	50	—
<b>P1 ENERGY DELTA</b>				
Maniceno .....	—	—	1,172	—
<b>PACIFIC STRATUS</b>				
Abanico, 1997 .....	2,696	6	1,375	24.0
Azor .....	—	—	889	—
Delta .....	—	—	16	—
Guaduas, 1996 .....	7,213	39	649	18.5
La Creciente A .....	—	—	27	—
Lisa .....	—	—	1	—
Mauritia Este .....	—	—	46	—
<b>PACIFIC RUBIALES ENERGY</b>				
Rubiales, 1989 .....	2,600	28	177,015	12.6
Sabanero .....	—	—	1,244	—
<b>PAREX RESOURCES</b>				
Cumbre .....	—	—	612	—
Java .....	—	—	160	—
Kona .....	—	—	7,583	—
Malawi .....	—	—	355	—
Sulawesi .....	—	—	453	—
Supremo .....	—	—	—	—
<b>PERENCO COLOMBIA LTD.</b>				
Abejas, 1990 .....	5,600	1	319	33.0
Barquerena, 1982 .....	11,129	3	270	32.3
Candalay .....	—	—	21	—
Cano Duya, 1985 .....	6,168	2	74	—
Cano Gandul, 1986 .....	—	3	426	—
Cano Garza Este, 1992 .....	10,000	1	74	36.8
Cano Garza Norte, 1983 .....	9,143	2	480	40.2
Cano Garza, 1979 .....	10,121	9	117	40.2
Chaparrito, 1988 .....	7,028	3	176	34.4
Coren .....	—	—	345	34.4
Corocora .....	—	—	840	—
Cravo Este, 1987 .....	11,100	1	742	42.0
Cravo Sur, 1982 .....	11,475	3	—	40.2
Guanapalo, 1986 .....	7,250	2	103	29.8
Guarilaque, 1988 .....	6,890	5	2,065	24.4
Guasar, 1991 .....	6,900	1	834	25.0
Jorcan .....	—	—	13	—
Jordan, 1985 .....	7,100	3	746	29.3
La Flora, 1985 .....	9,973	2	337	34.2
La Gloria Norte, 1983 .....	10,881	7	190	17.2
La Gloria, 1974 .....	14,105	20	2,101	17.8
Los Toros .....	—	—	103	—
Morichal, 1984 .....	15,225	5	2,000	30.0
Oropendola .....	—	—	643	—
Palmarito, 1988 .....	6,408	4	354	41.1
Paravare, 1986 .....	7,100	1	383	28.0
Pirito .....	7,146	1	62	—
Remache Norte .....	—	—	802	—
Remache Sur .....	—	—	336	—
Sardinas, 1982 .....	6,546	5	1,109	26.3
Sirenas, 1989 .....	6,250	2	49	—
Tocaria, 1980 .....	12,598	17	1,290	32.1
Trinidad, 1983 .....	10,944	12	1,186	32.4
Vireo .....	—	—	170	—
<b>PETROBRAS ENERGIA</b>				
Balay .....	—	—	942	—
Guando, 2000 .....	3,141	19	14,613	30.0
Matachin Norte, 1992 .....	6,306	9	—	27.0
Matachin Sur, 1994 .....	7,278	—	11,919	24.0
Purificacion, 1991 .....	6,106	28	79	35.0
Trompillos, 1990 .....	10,450	—	—	29.5
<b>PETROLCO</b>				
Mateguafa, 1998 .....	8,189	5	24	32.0
<b>PETROLEOS DE NORTE</b>				
Dona Maria, 1989 .....	8,500	2	31	—
Los Angeles, 1983 .....	6,657	8	1,013	14.3
Querubin .....	—	—	139	—
Santa Lucia, 1988 .....	9,435	3	381	20.3
Tronos .....	—	—	20	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>PETROLIFERA PETROLEUM</b>				
Brillante SE .....	—	—	4	—
La Pinta .....	—	—	3	—
<b>PETROMINERALES</b>				
Azalea .....	—	—	—	—
Boa .....	—	—	132	—
Candelilla .....	—	—	5,228	—
Capybara .....	—	—	177	—
Cardenal .....	—	—	4	—
Caruto .....	—	—	683	—
Chilaco .....	—	—	31	—
Cobra .....	—	—	1,782	—
Corcel .....	—	—	1,486	—
Corcel A .....	—	—	377	—
Corcel D .....	—	—	235	—
Corcel E .....	—	—	885	—
Disa .....	—	—	297	—
Guala .....	—	—	337	—
Macapay .....	—	—	464	—
Mambo .....	—	—	176	—
Mantis .....	—	—	860	—
Mapache .....	—	—	29	—
Maya .....	—	—	21	—
Mochelo .....	—	—	17	—
Pisingo .....	—	—	204	—
Tucuso .....	—	—	554	—
Yatay .....	—	—	7,132	—
Yenac .....	—	—	2,152	—
<b>PETROSANTANDER COLOMBIA</b>				
Corazon West B .....	—	—	334	—
Corazon, 1963 .....	8,766	9	66	—
La Salina .....	4,698	93	2,039	—
Liebre, 1992 .....	13,953	3	61	15.8
Payoa West .....	—	—	17	—
Payoa, 1961 .....	9,469	31	905	27.9
<b>RAMSHORN INTERNATIONAL</b>				
Celeus .....	—	—	14	—
<b>SOGOMY ENERGY</b>				
Alepe .....	—	—	141	—
Alva Sur .....	—	—	58	—
Nashira Alva .....	—	—	457	—
<b>TECPETROL COLOMBIA</b>				
Atarraya .....	—	—	159	—
Puerto Gaitan .....	—	—	120	—
<b>UNION TEMPORAL</b>				
Barranca Lebrija, 1955 .....	6,781	13	12	—
Bolivar-Buenavista .....	—	—	78	—
Burdine .....	—	—	124	—
Chuirá .....	—	—	24	—
Colon .....	—	—	502	—
Corrales .....	—	—	1,499	—
Nancy .....	—	—	128	—
Pavas, 1981 .....	12,000	2	67	21.0
Zoe .....	—	—	4	—
<b>VETRA E&amp;E</b>				
Chenche .....	—	—	46	—
Cohembi (CPI) .....	—	—	4,541	—
Curiquinga .....	—	—	1	—
La Punta .....	—	—	2,306	—
La Rompida .....	—	—	30	—
Pinuna .....	—	—	2,259	—
Rio Saldana, 1990 .....	—	4	127	—
Santa Domingo Norte .....	—	—	28	—
<b>WELL LOGGING</b>				
Cerro Gordo .....	—	—	1	—
<b>WINCHESTER</b>				
Carupana .....	—	—	703	—
Max .....	—	—	562	—
Tua .....	—	—	350	—
Yamu .....	—	—	293	—
<b>Total Colombia .....</b>			<b>7,159</b>	<b>943,116</b>



## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>CONGO (former Zaire)</b>				
<b>PERENCO-REP</b>				
• GCO, 1970 .....	7,000-9,000	4	17,000	38.7
• GCO South, 2001 .....	—	—		—
• Libwa, 1981 .....	5,500	4		33.0
• Lukami, 1983 .....	12,400	4		33.2
• Mibale, 1973 .....	5,000-6,000	10	11,000	30.0
• Moko, 1972 .....	12,310	1		32.0
• Motoba, 1976 .....	11,098	9		31.5
• Tshiala East, 1994 .....	8,000	7		31.0
Kifuku, 1986 .....	3,400	1	11,000	31.0
Kinkasi, 1972 .....	3,700	36		31.0
Liawenda, 1972 .....	3,900	54		31.0
Makelekese, 1983 .....	3,600	8		31.0
Muanda, 1972 .....	3,600	6	11,000	31.0
Nsiamfumum .....	—	—		—
Tshiende, 1978 .....	6,000	6		34.0
<b>Total Congo (former Zaire)</b>		<b>150</b>	<b>28,000</b>	

## CONGO (Brazzaville)

<b>ENI</b>				
• Awa Paloukou .....	—	—	5,441	
• Djambala, 1991 .....	6,890	3	756	34.0
• Foukanda, 1998 .....	3,937	6	5,676	35.7
• Ikalou .....	—	—	5,282	—
• Kitina, 1991 .....	8,859	17	1,380	38.0
• Kouakouala, 1995 .....	5,100	3	1,181	40.0
• Loango, 1972 .....	3,000	59	12,324	27.0
• Loufika .....	—	—	75	—
• M'Boundi, 2001 .....	4,883	12	22,806	39.6
• Mwafi, 1998 .....	2,625	6	2,980	27.9
• Zatchi, 1980 .....	2,000	57	12,568	26.6
• Zingali .....	—	—	154	—
ENI's production includes NGL.				
<b>PERENCO</b>				
• Emeraude, 1969 .....	820	91	2,000	22.3
• Yombo, 1988 .....	3,300	18	9,000	16.2
<b>CONGOREP</b>				
• Likouala, 1979 .....	4,270	26	14,000	—
<b>TOTAL SA</b>				
Kombi-Likalala-Libondo .....	3,630	13	—	—
Moho Bilondo, 1995 .....				
Nsoko .....				
Tchibelo-Litanzi-Loussima ..				
• Nkossa, 1984 .....	11,000	17	40.7	
Pointe Indienne, 1951 .....	5,000	3	35.0	
• Sendji, 1973 .....	3,940	55	194,377	29.3
• Tchendo, 1979 .....	1,600	21	33.0	
• Tchibouela, 1983 .....	2,110	32	26.0	
• Yanga, 1979 .....	2,950	43	29.4	
<b>MURPHY</b>				
Azurite, 2005 .....	—	—	—	—
<b>OTHER</b>				
Other fields .....	—	—	—	—
<b>Total Congo (Brazzaville) ..</b>		<b>482</b>	<b>290,000</b>	

## CROATIA

<b>INA-NAFTAPLIN</b>				
Benicanci, 1966 .....	6,752-5,938	30.2	68.3	40.8
Benicanci, (c), 2000 .....	5 085-5 236			
Bilogora, 1966 .....	3,346-5,052			
Bizovac, 1989 .....	5,483-5,499			
Boksic-Klokoceveci, 1975 .....	7,218-10,171	31.0	30.2	34.6
Bunjani, 1951 .....	1,800-2,550			
Crnac, 1977 .....	6,814-8,061			
Cepelovac-Hampovica, 1966 ..	3,280-4,690			
Deletovci, 1982 .....	3,143-3,422	28.9	31.1	36.0
Dugo Selo, 1953 .....	3,445-4,183			
Ferdinandovac, 1959 .....	5,625-5,915			
Galovac-Pavljani, 1991 .....	1,250-1,938			
Gola duboka (c), 1988 .....	8,235-8,645	44.9	54.0	—
Gola plitka (c), 1973 .....	6,824-6,988			

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Ilaca, 1982 .....	3,445-4,183	690	11,300	31.1
Ivanic Grad, 1959 .....	5,282-5,709			33.4
Jagnjedovac, 1961 .....	2,864-3,570			33.0
Jamarice, 1965 .....	3,281-5,512			37.6
Jezevo, 1963 .....	6,234-7,382	690	11,300	36.7
Kalinovac (c), 1978 .....	11,841-14,682			51.5
Klostar, 1952 .....	2,297-4,593			36.3
Kozarice, 1972 .....	3,281-3,609			23.6
Kucanci-Kapelna, 1973 .....	6,562-7,218	690	11,300	25.2
Legrad (c), 1961 .....	5,250 - 7,150			75.7
Lepavina, 1969 .....	1,780-2,200			22.8
Leticani, 1989 .....	4,584-4,817			35.0
Lipovljani, 1960 .....	3,937-5,709	690	11,300	36.7
Lupoglav, 1971 .....	3,860-5,600			33.4-37.0
Mihovljani, 1973 .....	5,150-5,760			32.5
Molve (c), 1974 .....	10,263-11,345			57.2
Mramor Brdo, 1949 .....	2,625-4,101	690	11,300	31.1
Obod-Lacici .....	7,500-8,050			36.3
Obod, 1967 .....	6,378-7,550			32.5
Okoli (c), 1962 .....	7,218-8,784			80.6
Okoli, 1962 .....	7,382-8,366	690	11,300	35.5
Pepelana, 2003 .....	3,609-4,265			41.9
Privlaka, 1983 .....	2,933-3,041			25.9
Sandrovac, 1962 .....	2,250-3,700			37.8
Stari Gradac (c), 1980 .....	11,720-13,630	690	11,300	51.4
Stevkovic, 1978 .....	7,710-9,843			31.9
Struzec, 1956 .....	2,362-3,773			38.8
Sumecani .....	—			—
Vezeisce, 1965 .....	6,135-6,562	690	11,300	31.6
Voloder, 1979 .....	6,562-6,595			35.2
Zutica (c), 1963 .....	5,450-5,710			87.9
Zutica, 1963 .....	5,742-6,923			33.8
<b>Total Croatia .....</b>		<b>690</b>	<b>11,300</b>	

## CUBA

CUBAPETROLEO				
Boca Jaruco, 1968 .....	5,000	75	29,836	13.0
Pina, 1989 .....	3,500	51		27.0
Perifericos, 1972 .....	5,000	17		21.0
• Canasi, 1999 .....	7,500	3		9.0-12.0
Mataguillar, 1996 .....	4,000	4	29,836	15.0
Santa Cruz, 2004 .....	—	—		—
• Seboruco/Faustino, 1999 .....	11,900	2		12.0-15.0
Varadero, 1969 .....	6,000	93		8.0-10.0
SHERRITT				
• Puerto Escondido, 1998 .....	7,700	5	20,164	9.0-12.0
Varadero West .....	—	—		8.0-10.0
• Yumuri, 1999 .....	—	1		11.8-12.1
<b>Total Cuba .....</b>		<b>251</b>	<b>50,000</b>	

## CZECH REPUBLIC

All fields .....	—	—	2,900	—
<b>Total Czech Republic .....</b>			<b>2,900</b>	

## DENMARK

<b>DONG E&amp;P A/S</b>				
• Nini, 2000 .....	5,600	8	8,190	39.0
• Siri, 1995 .....	6,800	6	4,121	37.0
• Cecilie, 2000 .....	7,218	3	552	—
<b>HESS</b>				
• South Arne, 1969 .....	9,200	13	13,845	37.0
<b>MAERSK</b>				
• Dan, 1971 .....	6,100	62	38,965	31.0
• Gorm, 1971 .....	6,900	32	10,224	34.0
• Halfdan, 1999 .....	6,900	37	79,602	31.0
• Harald, 1980 .....	8,900-12,000	2	1,362	44.0
• Kraka, 1966 .....	5,900	8	2,224	33.0
• Lulita, 1992 .....	11,600	2	552	32.0
• Roar, 1968 .....	6,600	4	34	52.0
• Rolf, 1981 .....	5,900	3	0	31.0
• Skjold, 1977 .....	5,200	19	11,707	29.0
• Svend, 1975 .....	8,200	4	2,948	36.0
• Tyra Southeast, 1991 .....	6,700	2	2,552	37.0
• Tyra, 1968 .....	6,600	29	10,810	41.0

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Valdemar, 1977.....	6,600-8,500	21	14,534	42.0
<b>Total Denmark.....</b>		<b>255</b>	<b>202,221</b>	

## DUBAI

<b>BP</b>				
Margham (c), 1981.....	11,200			43.5
<b>DUBAI PETROLEUM ESTABLISHMENT</b>				
• Falah, 1972.....	8,100	200	106,100	25.5
• Fateh, 1966.....	7,900-9,000			31.8
• Rashid, 1973.....	9,400-11,500			38.0
• S.W. Fateh, 1970.....	7,500-9,000			30.3
<b>Total Dubai.....</b>		<b>200</b>	<b>106,100</b>	

## ECUADOR

<b>ENI</b>				
Villano, 1992.....	11,308		15,077	20.2
ENI's production includes NGL.				
<b>ANDES PETROLEUM</b>				
Fanny-18B, 1972.....	7,700			22.5
Mariann, 1971.....	7,700			20.0
Tarapoa/Joan/Dorine, 1973..	8,300			20.0
<b>CANADA GRANDE</b>				
Paoa, 1992.....	—			—
<b>CITY ORIENTE</b>				
Tipischa Bloque 27.....	—			—
<b>ECUADOR TLC Bloque 18</b>				
Pata.....	—			—
Pata Azul.....	—			—
<b>ENAP SIPETROL</b>				
Biguno.....	—			—
Huachito.....	—			—
Mauro Davalos.....	—			—
Paraiso.....	—			—
<b>JTI/PEGASO</b>				
Puma Oriente.....	—			—
<b>PERENCO</b>				
Coca-Payamino (46%), 1991..	8,500			24.0
Gacela, 1991.....	8,800			25.0
Lobo, 1994.....	—			—
Yuralpa.....	—			—
<b>PETROORIENTAL</b>				
Block 14.....	—			—
Block 17.....	—			—
<b>REPSOL YPF</b>		3,447		
Bogui-Capiron.....	—			15.6
Bloque 16				
(Amo, Ginta, Iro, Daimi)...	—			15.6
Tivacuno, 1971.....	—			18.8
<b>PACIFIC PETROL</b>				
Ancon, 1921.....	4,000			35.7
Carpet Zona Norte, 1921....	4,000			36.4
Cautivo, 1921.....	4,000			36.4
<b>PETROBELL</b>				
Tiguino, 1990.....	11,150			27.0
<b>PETROLAMEREC</b>				
Pindo.....	—			—
Palanda, 1991.....	10,700			29.0
Yuca Sur, 1985.....	10,300			14.5
<b>SUELOPETROL</b>				
Pucuna, 1990.....	7,000-8,000			30.0
Singue.....	7,000-8,001			25.0
<b>TECPECUADOR</b>				
Bermejo, 1967.....	6,000			32.5
<b>PETROPRODUCCION - LAGO AGRIO</b>				
Guanta.....	9,000			—
Lago Agrio, 1967.....	10,175			28.5
Parahuaco, 1968.....	10,173			30.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>PETROPRODUCCION - LIBERTADOR</b>				
Atacapi, 1968.....	9,855			31.0
Frontera, 1991.....	10,175			29.0
Pichincha.....	—			—
Secoya.....	—			—
Shuara.....	—			—
Shushuqui.....	—			—
Tapi, 1991.....	9,400			29.1
Tetete, 1984.....	9,400			29.1
<b>PETROPRODUCCION - CUYABENO</b>				
Cuyabeno, 1972.....	8,050			27.4
Sansahuari, 1984.....	8,300			26.0
V.H. Ruales, 1991.....	8,400		488,123	31.0
Bloque 27.....	—			—
<b>PETROPRODUCCION - SACHA</b>				
Sacha, 1972.....	10,300			28.0
<b>PETROPRODUCCION - SHUSHUFINDI</b>				
Aguarico.....	9,500			—
Shushufindi, 1972.....	10,900			30.0
<b>PETROPRODUCCION - AUCA</b>				
Anaconda, 1991.....	10,200			25.0
Auca, 1970.....	10,578			28.0
Auca Sur, 1980.....	9,100-10,300			25.6
Auca Este, 1992.....	10,330			—
Cononaco, 1972.....	10,500			33.3
Culebra, 1973.....	10,626			17.5
Yuca, 1980.....	10,300			28.0
Yulebra, 1981.....	10,400			21.4
Rumiyacu.....	—			—
<b>RIO NAPO</b>				
Sacha, 1969.....	9,880			29.7
<b>PETROAMAZONAS SA</b>				
Limoncocha, 1993.....	9,850			19.0
Block 15:.....				
Concordia.....	—			—
Indillana, 1988.....	10,000			17.0-22.0
Itaya, 1985.....	9,280			17.0-22.0
Jivino-Laguna, 1990.....	10,000			18.3
Pak Sur.....	—			—
Eden Yuturi.....	—			—
Yanaquinsa.....	—			—
<b>Total Ecuador.....</b>		<b>3,447</b>	<b>503,200</b>	

## EGYPT

<b>ENI</b>				
Abu G West, 1996.....	4,400	3	—	36.6
• Abu Madi W. (c), 1991.....	11,200	4	524	55.4
Abu Madi (c), 1968.....	12,600	11	200	55.4
Abu Rudeis.....	—	—	6,415	—
Aghar.....	—	—	4,735	—
Ashrafi, 1990.....	6,000	11	3,439	39.0
• Baltim East (c), 1996.....	11,600	4	2,121	50.0
• Baltim North (c), 1995.....	—	—	6,426	—
• Baltim South (c), 1996.....	12,000	1	—	55.0
Belayim Land, 1953.....	8,600	106	62,281	21.5
• Belayim Marine, 1961.....	8,300	—	32,774	28.9
Denise Main.....	—	—	4,478	—
East Delta (c), 1994.....	11,500	2	98	55.4
East Delta South (c), 1996...	10,700	1	—	55.4
El Faras, 1996.....	3,300	—	4,851	31.0
El Qara (c), 1989.....	12,000	2	284	55.4
ElTemsah.....	—	—	7,523	—
Emery Deep.....	—	—	5,021	—
• Karous (c), 1998.....	4,200	2	—	—
Meleilha, 1980.....	5,000-9,100	143	20,288	41.5
North Sinai.....	—	—	—	—
Nouras.....	—	—	—	—
• Port Fouad (c), 1982.....	11,000-14,100	7	4,732	55.4
Raml, 1996.....	4,400	—	3,073	36.6
Ras Qattara, 1993.....	6,000	7	—	28.0
Razzak West, 1989.....	6,000	8	—	36.0
• Sinai/Ras Garra, 1987.....	6,500-8,000	4	1,064	27.0-35.2
• Temsah (c), 1996.....	10,800-13,000	8	—	49.0
UGDC Port Fouad.....	—	—	4,961	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
UGDC Tamsah .....	—	—	14,783	—	<b>OSOCO</b>				
• Wakar (c), 1994 .....	11,800	2	—	55.4	Gama, 1990 .....	4,240	1	45.0	
Zarif, 1993 .....	6,000	—	2,088	28.0	Shukeir Bay, 1980 .....	4,660	2	44.6	
ENI's production includes NGL.					<b>GEISUM</b>				
<b>SEA DRAGON - DANA GAS EGYPT</b>					• North Geisum, 1981 .....	3,850	11	27.0	
Al Baraka .....	8,750	—		37.0	• South Geisum, 1981 .....	4,500	9	17.5	
<b>VEGAS</b>					• Northeast Geisum, 1981 ....	4,500	3	17.5	
NW Gemsa, 1989 .....	6,480	2		41.0	• West Tawila, 1980 .....	8,380	2	41.0	
Al Amir/Al Amir SE/Geyad ..					<b>GUPCO</b>				
<b>AMAPETCO</b>					• Badri, 1981 .....	6,000	37	32.0	
• Al-Amal, 1983 .....	6,420	4		37.0	• East Tanka, 1995 .....	11,500	3	32.0	
<b>APACHE</b>					• East Badri, 1990 .....	6,000	4	37.0	
Mihos, 2004 .....	—	—	—	—	• Esma, 1997 .....	11,600	3	36.0	
<b>EPEDECO</b>					• GH 376, 1981 .....	9,000	4	24.0	
West Bakr Blk., 1978 .....	4,200	30		18.5	• GS 160, 1977 .....	11,200	—	31.0	
<b>BAPETCO (SHELL)</b>					• GS 172, 1988 .....	10,800	10	27.0	
Badr El Din-1, 1981 .....	11,485	11		39.0	• GS 173, 1978 .....	10,700	1	31.0	
Badr El Din-15, 1988 .....	10,368	3		38.0	• GS 277, 1982 .....	9,028	1	33.0	
Badr El Din-2, 1982 .....	7,900	8		53.0	• GS 327, 1987 .....	5,770	2	20.0	
Badr El Din-3, 1982 .....	12,130	11		29.0	• GS 345, 1982 .....	7,800	1	35.0	
Badr El Din-3 (c), 1982 .....	12,140	—		50.0	• GS 365, 1980 .....	9,970	—	32.0	
Sitra-5, 1985 .....	10,378	1		32.0	• GS 373, 1978 .....	10,130	2	30.0	
Sitra-8, 1993 .....	9,198	1		40.0	• GS 381, 1985 .....	10,500	—	37.0	
<b>BP EGYPT</b>					• Hilal, 1982 .....	9,600	15	32.0	
Abu El Gharadig, 1971 ....	9,550	12		33.0	• July, 1973 .....	10,000	34	32.0	
East Razzak, 1972 .....	5,555	3		37.0	• Morgan, 1965 .....	6,300	81	31.0	
NS377 .....	—	—	—	—	• Nessim, 1981 .....	6,800	1	30.0	
North Abu el Gharadig, 1985	11,900	2		33.0	• North October, 1989 .....	9,500	1	40.0	
Northeast Abu el Gharadig, 1984	10,620	2		34.0	• October, 1978 .....	12,000	49	31.0	
Razzak, 1972 .....	5,550	8		37.0	• Ramadan, 1974 .....	11,500	34	33.0	475,341
WD 19/1, 1972 .....	8,425	—		45.0	• SB 294, 1986 .....	11,123	3	29.5	
WD 33/1, 1972 .....	10,000	1		35.0	• SB 305, 1977 .....	7,500	—	30.0	
WD 33/15, 1985 .....	4,750	2		30.0	• SB 367, 1983 .....	7,450	—	39.0	
<b>BORAPETCO</b>					• SB 339, 1981 .....	4,200	1	30.0	
Borg el Arab, 1996 .....	7,700	2		36.0	• SG 184, 1994 .....	11,250	2	31.0	
<b>CENTURION</b>					• SG 300, 1974 .....	6,500	3	24.0	
El Wastani (c), 1968 .....	9,700	2	—	—	SG 325, 1995 .....	10,590	—	32.0	
<b>EGYPTIAN GENERAL</b>					• SG 374, 1987 .....	11,150	—	36.0	
Abu Sennan, 1981 .....	5,950	41		42.3	Shoab Ali, 1977 .....	5,500	18	33.0	
Abu Sennan (c), 1981 .....	5,950	—		57.0	Sidki, 1976 .....	10,500	6	36.0	
• Amer, 1965 .....	3,400	31		21.8	Waly, 1982 .....	6,850	2	35.0	
Assal, 1981 .....	3,750	3		21.3	Younis, 1981 .....	4,700	4	35.0	
Assran, 1981 .....	3,600	—		12.0	Salam, 1986 .....	7,975	22	44.0	
Bakr, 1958 .....	3,110	54		18.7	Shouk, 1994 .....	6,280	9	43.0	
Behar, 1981 .....	4,850	5		30.8	Tut, 1986 .....	8,220	17	44.0	
El Eyon, 1968 .....	3,450	3		19.5	Tut West, 1986 .....	8,119	1	40.0	
Ghareb, 1938 .....	2,430	96		26.0	Yaser, 1987 .....	6,172	7	46.0	
H-4 .....	—	—	—	—	<b>LUKOIL</b>				
Hurghada, 1913 .....	2,000	—		23.0	West Esh El-Mallaha, 1997 ..	—	143		
Kareem, 1984 .....	1,700	15		17.2	<b>MAGAPETCO</b>				
Kheir, 1973 .....	3,400	1		21.5	East Esh El Mallaha, 1988 ...	3,980	2	47.0	
Matarma, 1982 .....	2,050	3		21.3	<b>PETROZEIT</b>				
• North Amer, 1965 .....	5,300	6		34.0	• Gazwarina, 1987 .....	2,764	1	43.0	
Shukeir .....	—	6		—	Ras El Ush, 1996 .....	4,140	7	34.0	
Sudr, 1981 .....	3,000	14		21.9	<b>QARUN</b>				
Um-El Yusr, 1968 .....	4,500	20		21.5	Qarun, 1995 .....	9,180	28	40.0	
Ush-El-Malaha, 1982 .....	3,280	4		41.4	North Qarun, 1995 .....	8,835	5	35.8	
<b>EL-ALAMEIN</b>					Southwest Qarun, 1996 .....	9,940	4	39.2	
Horus, 1984 .....	6,230	5		35.6	Sakr, 1997 .....	9,220	1	34.0	
<b>ESSO</b>					Wady al Rayan, 1997 .....	6,000	7	26.0	
• East Zeit, 1981 .....	11,600	12		40.0	<b>RACEBROOK</b>				
• East Zeit (c), 1981 .....	11,600	—		58.0	• South Ramadan, 1984 .....	11,960	1	28.0	
Wady el Sahl, 1994 .....	8,273	3		40.0	<b>RALLY ENERGY</b>				
<b>ESHPETCO</b>					Issaran, 1991 .....	1,950	4	13.0	
East Rabeh, 1997 .....	6,300	1		26.5	<b>SUCO OIL CO.</b>				
• Rabeh, 1997 .....	6,300	2		26.5	• Ras Budran, 1979 .....	11,400	13	26.0	
<b>OASIS</b>					• Ras Fanar, 1980 .....	2,200	10	31.0	
West Qarun, 1993 .....	6,850	4		40.0	• Zeit Bay, 1980 .....	4,450	32	36.0	
W.G. Zeit, 1997 .....	10,140	1		37.0	• Zeit Bay (c), 1980 .....	4,450	—	59.0	
					<b>SUMPETCO</b>				
					South Umbarka, 1989 .....	14,500	11	40.0	
					Umbarka, 1969 .....	11,117	8	44.0	

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>TANGANYIKA</b>				
Hana, 1999 .....	4,800	9		25.5
<b>WEPCO</b>				
Alamein, 1966 .....	8,000	18		38.0
Yidma, 1971 .....	8,000	4		44.0
<b>ZAAFARANA</b>				
Warda, 1995 .....	6,700	7		23.0
<b>Total Egypt .....</b>		<b>1,482</b>	<b>667,500</b>	

## EQUATORIAL GUINEA

<b>EXXONMOBIL</b>				
• Zafiro, 1995 .....	400-2,800	92	109,000	34.0-38.0
<b>HESS</b>				
• Ceiba, 1999 .....	8,500	16	19,400	30.0
• Okume, 2001 .....	9,750			—
• Oveng .....	6,989			34.0
• Ebano .....	11,011	27	59,000	36.5
• Elon .....	5,977			—
<b>MARATHON</b>				
• Alba (c), 1984 .....	8,528	8	44,000	47.0-48.0
<b>NOBLE</b>				
• Aseng, 2007 .....	—	1	60,000	—
<b>Total Equatorial Guinea ....</b>		<b>144</b>	<b>291,400</b>	

## FRANCE

### ALSACE REGION

<b>GEOPETROL</b>				
Eschau, 1956 .....	2,360	2	14	32.1
Schelbenhard, 1956 .....	1,280-2,430	9	59	31.5-40.6
Schelmenberg, 1982 .....	1,200	3	28	38.6

### OELWEG

Muehlweg .....	—	1	8	28.4
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### AQUITAINE REGION

<b>TOTAL E &amp; P FRANCE</b>				
Lacq Superieur, 1949 .....	1,620	—	107	22.3
Lagrange, 1984 .....	5,220	2	603	44.9
Pecorade, 1974 .....	7,610	1	476	29.3

### GEOPETROL

Bonrepos .....	—	—	—	—
Castera-Lou, 1976 .....	8,570	5	165	21.7
Montastruc, 1973 .....	5,245	4	47	29.5

### VERMILION REP

Cabeil, 1965 .....	6,400	1	15	37.4
Cazaux, 1959 .....	7,840-9,970	17	1,223	34.2-37.3
Courbey, 1996 .....	9,290	3	465	—
Lavergne .....	—	—	46	—
Les Arbousiers, 1991 .....	9,410	2	120	34.4
Les Mimosas, 2004 .....	—	—	354	—
Les Pins, 1994 .....	9,120	2	145	29.7
Lucats, 1956 .....	6,560	1	25	39.0
Lugos, 1956 .....	4,890	16	245	20.8
Mothes, 1955 .....	7,710	3	96	21.1
Parentis, 1954 .....	6,510	56	1,815	33.4
Tamaris, 1998 .....	10,824	1	0	21.1
Vic Bilh, 1979 .....	6,230	16	823	22.8

### BASSIN DE PARIS REGION

<b>BRIDGE OIL</b>				
Nonville .....	—	—	2	—

### GEOPETROL

Bagneaux, 1988 .....	3,580	2	14	34.4
Brie, 1968 .....	6,920	1	15	34.2
Fontaine-au-Bron, 1986 .....	5,350	9	130	36.2
La Vignotte, 1991 .....	7,660	1	46	34.4
Nesles, 1995 .....	7,450	1	0	34.6
Pezarches, 1994 .....	7,630	—	16	34.4
Sivry, 1984 .....	7,020	3	46	34.4
St-Germain, 1984 .....	7,040	3	49	34.4

### LUNDIN

Courdemanges, 1983 .....	4,950	3	53	34.4
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Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Dommartin-Lettree, 1985 .....	6,460	3	259	33.6
Fontaine-au-Bron Sud, 1958 .....	5,350	3	13	36.2
Grandville, 1959 .....	6,230	3	255	36.2
Hautefeuille, 1987 .....	5,380	3	41	35.8
La Motte Noire, 1987 .....	7,005	1	20	32.1
Merisiers, 1990 .....	5,720	1	44	35.6
Soudron, 1976 .....	4,010-6,470	17	471	34.4
Vert-la-Gravelle, 1985 .....	7,480	2	320	34.4
Villeneneuve .....	—	—	92	—
Villeperdue, 1959 .....	5,350	81	868	36.2

### PETROREP

Coulommès, 1958 .....	5,510	6	125	32.8
L'île-du-Gord, 1986 .....	7,090	7	102	34.0
Montleeve, 1986 .....	5,560	1	17	33.0

### SPPE

Saint Eloi .....	—	—	22	—
Saint Martin-De-Bossenay .....	—	—	313	—
Saint Lupien .....	—	—	204	—
Avon-La Peze .....	—	—	68	—

### VERMILION REP

Bremonderie, 1984 .....	8,200	1	19	35.4
Champotran, 1985 .....	7,830	10	853	37.0
Charmottes, 1984 .....	5,480-8,040	4	83	35.0-36.6
Chateau Renard, 1958 .....	1,800	18	167	24.8
Chaunoy .....	—	—	1,105	—
Chuelles, 1961 .....	1,800	18	202	24.8
Courtenay, 1964 .....	1,800	18	122	24.8
Donnemarie, 1979 .....	8,380	1	0	36.4
Itteville, 1990 .....	4,780	7	1,618	32.5
La Conquillie .....	—	—	23	—
La Croix Blanche, 1987 .....	5,910	2	254	34.9
La Torche, 2003 .....	—	—	419	—
Malnoue, 1985 .....	6,020-8,330	7	90	34.2-37.2
Neocomien .....	—	—	0	—
Saint Lazare, 2004 .....	—	—	0	—
Saint-Firmin, 1960 .....	1,800	22	285	24.8
Vert-le Petit, 1987 .....	4,760	1	0	32.3
Vert-le-Grand, 1986 .....	5,910	5	413	33.2
Vulaines, 1977 .....	5,580	10	58	34.2

**Total France .....** **420** **16,197**

## GABON

### PERENCO

• Breme/NAT, 1976 .....	4,460-5,310			36.5
Echira, 1984 .....	4,745-4,810			36.3
Gombe Maria Beta, 1962 .....	2,500-3,900			24.0
• Lucina West, 1982 .....	4,530-5,580			—
• Lucina, 1972 .....	4,290-4,930			—
• M'Bya, 1969 .....	5,700-6,800			35.9
M'Polunie West, 1982 .....	1,700-1,950			18.0
M'Polunie, 1980 .....	1,950-2,070			27.2
Niungo, 1987 .....	—			—
Oba, 2005 .....	—	218	58,000	—
• Obando, 1984 .....	8,200-8,680			32.0
• Octopus, 1984 .....	9,850-10,365			33.0
Oguendjo B and C, 1981 .....	3,800-5,100			36.0
• Oguendjo Z, 1988 .....	4,600-5,300			36.0
Olende, 1976 .....	6,600-6,800			34.3
• Ompoyi, 2002 .....	2,985			—
• Orindi, 2003 .....	—			—
• Pelican, 1985 .....	6,700-9,580			31.0
• Tchatamba Marin, 1995 .....	—			—
• Tchatamba South, 1998 .....	—			—
• Tchatamba West, 1998 .....	—			—

### ADDAX PETROLEUM

Autour, 1987 .....	—	—		—
Obangue, 1988 .....	—	5		—
Remboue, 1991 .....	1,300	9		34.0

### ENI

• Limande, 1997 .....	5,500	4		24.0
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### CNR INTERNATIONAL

• Olowi .....	164	—		—
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## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>SHELL</b>				
Kouala, 2004.....	—	—	—	—
Gamba/Ivinga, 1963.....	2,800-3,100	—	32.2	—
Rabi/Kounga, 1985.....	3,500-3,640	—	34.2	—
Tsiengu West.....	—	—	—	—
<b>TOTAL SA</b>				
• Anguille, 1962.....	7,380-9,350	21	200,800	30.6
• Anguille Northeast, 1968....	6,200-7,050	7	32.7	—
• Anguille Southeast, 1962....	8,200-9,200	2	27.5	—
Atora, 1997.....	—	—	—	—
Avocette, 1989.....	5,610-5,975	4	35.4	—
Ayol Marine, 1978.....	7,320-7,580	4	20.3	—
• Baliste, 1975.....	4,900-5,050	5	28.9	—
• Barbier, 1972.....	5,700-6,300	6	28.6	—
• Baudroie, 1984.....	8,200-9,200	5	29.7	—
• Baudroie North, 1980.....	7,100-7,850	4	31.9	—
Coucal, 1987.....	3,800-4,000	4	32.6	—
• Girelle, 1973.....	9,400	2	28.9	—
• Gonelle, 1972.....	5,500-6,000	15	25.5	—
• Grand-Anguille, 1983.....	8,400	5	29.8	—
• Grondin, 1971.....	7,150-7,770	14	27.1	—
• Lopez Nord.....	—	—	—	—
• Hylia, 1993.....	4,200-5,100	7	26.6	—
• Mandaros, 1972.....	4,900-6,150	9	20.2	—
M'Boumba, 1978.....	2,300-3,180	4	31.7	—
• Merou Sardine, 1984.....	8,600-9,400	1	30.8	—
• Pageau, 1972.....	8,950-9,100	1	19.2	—
• Port Gentil Ocean, 1964.....	6,500	2	34.2	—
• Port Gentil Sud Marine, 1975	7,300-8,000	2	31.0	—
• Tchengue.....	—	—	—	—
• Torpille, 1968.....	8,530-9,450	14	35.0	—
• Torpille, Northeast, 1982....	8,150-8,700	4	28.9	—
<b>VAALCO</b>				
• Avouma/South Tchibala, 2004	—	2	—	—
• Etame, 1998.....	6,100	4	36.0	—
• Ebouri, 2003.....	—	2	—	—
• Pelican Est, 1985.....	8,800-9,500	1	31.3	—
N'Tchengue, 1957.....	2,800-5,700	2	30.0	—
• Konzi, 1962.....	3,450-3,700	5	37.4	—
• Vanneau, 1993.....	7,400-9,200	3	34.8	—
<b>Total Gabon.....</b>		<b>397</b>	<b>258,800</b>	

## GEORGIA

### BLAKE OIL & GAS

Manavi.....	—	—	40.5	—
Ninotsminda, 1979.....	8,528-9,840	—	41.0	—
Norio, 1939.....	—	11	—	—

### FRONTERA

Block 12.....	—	—	—	—
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### IORI VALLEY OIL & GAS LTD. (GOGC)

Krtsanisi.....	—	—	—	—
Samgori, 1974.....	—	2	41.0	—
Samgori Southern Dome, 1979	—	8	—	—
Samgori-Patardzeuli-Ninotsminda, 1974	—	68	—	—
Teleti, 1977.....	—	33	1,000	—

### GEORGIAN OIL-SAKNAVTBI

Baida, 1989.....	—	2	—	—
East Chaladidi, 1969.....	—	1	—	—
Mirzaani, 1930.....	2,952-4,265	85	—	—
Mtsarehevi, 1989.....	—	3	—	—
Nazarlebi, 1988.....	—	2	—	—
Patara Shiraki, 1932.....	—	34	—	—
Satskhenisi, 1955.....	—	11	—	—
Shromisubani, 1974.....	—	3	—	—
Supsa, 1889.....	—	12	—	—
Taribani, 1963.....	7,217-11,483	7	—	—
West Rustavi, 1988.....	—	1	—	—
<b>Total Georgia.....</b>		<b>283</b>	<b>1,000</b>	

## GERMANY

### BEB/EXXONMOBIL

Barenburg, 1953.....	2,300-3,300	—	563	31.1
Bodenteich, 1960.....	4,641	—	19	31.3

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Botersen Pool.....	—	—	5	—
Eich, 1983.....	5,995	—	141	39.4
Eldingen, 1949.....	5,028	—	108	36.2
Friedrichseck.....	—	—	0	—
Georgsdorf, 1944.....	1,800-2,600	—	2,142	24.5
Greetsiel.....	—	—	3	—
Gross Lessen, 1969.....	3,300	—	211	31.4
Hamwiede.....	—	—	0	—
Hankensbuttel Pool, 1954....	5,182	—	134	31.3
Hengsilage Nord.....	—	—	4	—
Imbrock.....	—	—	0	—
Loningen SO/Menslage.....	—	—	0	—
Loningen W/Hoite.....	—	—	0	—
Luben, 1955.....	3,950	—	280	33.6
Meppen-Schwefingen, 1959..	4,257	—	464	29.5
Munster.....	—	—	0	—
Nienhagen Feld, 1909.....	3,079	—	72	30.2
Preyersmuhle-Hastedt-Pool (c)	—	—	0	—
Ruhlermoor-Valendis, 1949..	2,381	—	3,979	24.5
Ruhme, 1954.....	1,950	—	437	33.4
Sagermeer.....	—	—	2	—
Sohlingen Pool.....	—	—	7	—
Sulingen, 1973.....	3,345	—	92	30.0
Taaken.....	—	—	1	—
Thonse.....	—	—	60	—
Uttum.....	—	—	8	—
Wehrbleck, 1947.....	3,400	—	192	32.1
Wietingsmoor, 1954.....	2,820	—	110	30.6
<b>EEG-ERDGAS ERDOL GMBH</b>				
Kietz.....	—	—	286	—
Lutow.....	—	—	58	—
Mesekenhagen.....	—	—	29	—
<b>GAZ DE FRANCE</b>				
Allermoehe, 1979.....	6,700	—	—	25.9
Bramberge, 1958.....	2,560 - 3,300	—	2,107	29.3
Borger-Werlte.....	—	—	—	—
Eddesse- Nord, 1950.....	460	—	37	27.5
Fronhofen Speicher.....	—	—	—	—
Grosses Meer K, 1978.....	—	—	—	54.1
Hoever, 1957.....	2,200	—	30	30.3
Leer, 1984.....	—	—	0	45.4
Leybucht K, 1978.....	—	—	—	57.6
Oelheim Sued/ Rhaet, 1968..	2,000	—	183	33.5
Ratzel Z 1b, 1996.....	—	—	1	58.9
Reitbrook- Kreide, 1937.....	2,300	—	—	24.7
Reitbrook- West, 1960.....	6,100	—	137	25.5
Ringe, 2001.....	4,265	1,141	540	—
Romerberg.....	—	—	3,639	—
Ruehlertwist, 1949.....	2,350 - 2,900	—	386	23.5
Scheerhorn, 1949.....	3,550 - 3,750	—	828	35.8
Sinstorf, 1960.....	7,100	—	139	31.1
Soegel, 1983.....	4,570	—	0	35.0
Vorhop, 1952.....	5,000	—	338	37.9
Vorhop- Knesebeck, 1958....	4,100	—	260	36.1
WEK (c).....	—	—	21	—
Wittingen-Suedost, 1970....	—	—	—	33.0
<b>MOBIL ERDGAS-ERDOEL</b>				
Einloh.....	—	—	0	—
Lastrup Ost.....	—	—	102	—
Lastrup West.....	—	—	255	—
Lastrup West (c).....	—	—	0	—
Siedenburg.....	—	—	116	—
Voigtei.....	—	—	244	—
Walsrode.....	—	—	1	—
Walsrode-West.....	—	—	5	—
Walsrode-Idsingen Pool....	—	—	8	—
<b>RWE-DEA</b>				
Botersen Pool, 1987.....	15,420-16,030	—	3	—
Dieksand.....	—	—	8,558	—
Dieksand (c).....	—	—	105	—
Hankensbuettel-Sud 76, 1954	4,530	—	32	27.0-35.0
Hankensbuettel-Sud Rest, 1954	—	—	279	—
Hebertshausen, 1982.....	2,840	—	35	26.0
Hemsbunde Pool, 1985.....	15,710	—	7	—
• Mittelplate, 1980.....	7,005-8,860	—	19,081	18.0-30.0
Volkersen Nord, 1992.....	—	—	2	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Volkersen, 1992 .....	15,700-16,260		24	—
Wardbohlen .....	—		0	—
Weisenmoor, 1998 .....	15,355		2	—
Wolfsberg, 1958 .....	—		1	—
<b>STORENGY</b>				
Fronhofen Speicher .....	—		13	—
Reitbrook .....	—		215	—
<b>WINTERSHALL</b>				
Aitingen, 1977 .....	6,232		624	31.1
Aitingen (c) .....	—		0	—
Aldorf, 1952 .....	4,100		95	33.0
Bockstedt, 1954 .....	4,264		325	27.4
Deutsche Nordsee A6 (c) .....	—		75	—
Deutsche Nordsee A6-F3 (c), 1974 .....	8,530		169	—
Duste Valendis, 1954 .....	3,936		165	33.0
Emlichheim, 1944 .....	3,116		3,289	24.5
Emlichheim (c), 1944 .....	—		3	—
Landau, 1955 .....	3,936		440	36.9
Ruelzheim, 1984 .....	7,544		12	37.7
Schwabmunchen .....	—		123	—
<b>Total Germany .....</b>		<b>1,141</b>	<b>52,456</b>	

## GHANA

### GHANA NATIONAL PETROLEUM CORP.

• North Tano, 1980 .....	7,500			32.0
• Saltpond, 1977 .....	8,500	3		36.0-39.0
• South Tano, 1978 .....	6,000		112,500	29.0-32.0

### TULLOW

• Jubilee .....	—	8		37.5
<b>Total Ghana .....</b>		<b>11</b>	<b>112,500</b>	

## GREECE

### KAVALA OIL

• Prinos, 1974 .....	8,000-10,000	11		28.5
• Prinos North, 1994 .....	7,000-7,150	1	1,900	22.0
<b>Total Greece .....</b>		<b>12</b>	<b>1,900</b>	

## GUATEMALA

### PERENCO

Atzam, 1993 .....	4,274	1		38.0
Caribe, 1981 .....	6,830-7,280	2		22.0-24.0
Chocop, 1985 .....	5,014	3		13.0
Rubelsanto, 1974 .....	5,300-7,000	2	500	26.0-30.0
San Diego, 1981 .....	17,150	1		35.0
Tierra Blanca, 1983 .....	11,230	2		19.5-23.0
Tortugas, 1970 .....	2,300	2		25.0
West Chinaja, 1977 .....	3,200-3,800	0		31.0-35.0
Yalpemach, 1980 .....	15,351	1		31.0-35.0
Xan, 1985 .....	8,427	34	11,500	17.0
<b>Total Guatemala .....</b>		<b>48</b>	<b>12,000</b>	

## HUNGARY

### MOL HUNGARIAN OIL & GAS CO.

Algyo, 1965 .....	5,301-8,136	398		31.1-65.2
Asotthalom, 1967 .....	2,493-3,199	10		32.1
Asotthalom-North, 1983 .....	6,521-6,767	5		32.1
Barabásszeg, 1959 .....	6,433-6850	5		15.9
Battonya, 1959 .....	1,286-3,041	3		43.0
Battonya-East, 1970 .....	2,765-2,913	100		41.7
Belezná, 1963 .....	8,176	1		38.0-47.0
Budafa-Kiscsehi, 1937 .....	2,168-4,167	30		38.0-45.4
Bugac .....	5,262-5,272	1		38.3
Csanadapaca, 1967 .....	5,710-6,063	3		37.0
Dany, 1994 .....	5,930	1		32.3
Demjen, 1954 .....	725-3,937	32		27.5
Ferencszallas, 1969 .....	5,101-7,674	4		41.1-50.0
Ferencszallas-East-Kiszomber, 1973 .....	7,012-7,283	2		41.1
Gomba, 2003 .....	7,940-8,050	1		34.6
Hahót, 1942 .....	4	2		31.3
Kaba South, 1978 .....	6,363-6,548	1		35.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Kápolnapuszta, 1998 .....	6	2		24.0
Kelebia Northeast, 1968 .....	3,011-3,258	3		37.0
Kelebia South, 1970 .....	2,171-2,428	6		35.0-45.0
Kiskundorozsma, 1964 .....	4,824-9,711	15		36.0-43.4
Kiskunhalas Northeast, 1974 .....	5,380-6,594	14		41.1
Lovaszi, 1940 .....	3,083-5,692	3		37.9-42.6
Martfu .....	6,666-6,754	1		44.3
Mezocsokonya West, 1987 .....	5,785-5,938	1		29.0
Mezöhegyes, 1960 .....	2,285-3,589	2		39.0
Mezosas, 1978 .....	7,349-8,394	3		41.0-49.0
Mezosas West, 1994 .....	8,855	6		33.0-43.0
Nagybánhegyes, 1990 .....	5,807	1		31.7
Nagykátá, 2001 .....	7320-7590	1		37.8
Nagylengyel, 1951 .....	5,545-8,235	76		11.4-35.0
Ortahaza, 1970 .....	4,460-6,089	6		31.1-45.4
Ortahaza East, 1986 .....	4,347-5,413	1		31.1
Ottomos East, 1992 .....	2,936-2,573	1	14,000	17.0-31.7
Pusztapaati, 1973 .....	8,300	1		22.3
Pusztafoldvar, 1958 .....	2,767-5,538	40		37.0
Ruzsa, 1979 .....	6,445-9,403	3		35.2-39.7
Savoly, 1980 .....	4,856	9		20.5
Savoly South, 1997 .....	5,433	5		20.2-26.0
Savoly Southeast, 1994 .....	6,570	8		22.4
Savoly West, 1994 .....	5,622	1		21.7
Szank, 1964 .....	5,239-5,932	19		54.2
Szank Northwest, 1977 .....	5,347-5,495	2		18.4-46.7
Szeged-Móraváros, 1971 .....	8,038-8,629	8		38.0-41.0
Szeghalom, 1980 .....	5,813-6,608	23		47.0-57.0
Szeghalom West, 1989 .....	7,163-7,526	1		50.0
Szilvagy, 1968 .....	7,767	2		23.0
Tazlar, 1966 .....	4,263-6,890	3		24.0
Tazlar North, 1986 .....	6,669-7,415	1		14.7-46.7
Tóalmás South, 1999 .....	8,383	2		33.7
Tura, 1991 .....	2,611-2,628	1		38.2
Ulles-Deep, 1962 .....	5,508-10,400	4		31.2-50.0
Zalakomár, 1999 .....	5,800	1		25.4
<b>Total Hungary .....</b>		<b>875</b>	<b>14,000</b>	

## INDIA

### OIL & NATURAL GAS CORP. LTD.

MUMBAI:				
• Heera & South Heera, 1977 .....	4,267-6,564	95		37.0
• Mumbai High, 1974 .....	3,282-7,877	445		39.0
• Neelam, 1987 .....	4,606-4,836	65	332,864	38.0
• Panna-Mukta, 1976 .....	4,923-7,549	75		38.0

### CAIRN ENERGY

• Ravva, 1987 .....	2,687-8,599	12	76,092	45.0
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### ENI

Asjol .....	—	—	19	—
Palej/Pramoda .....	—	—	170	—
PY-1 .....	—	—	76	—

### CAIRN ENERGY

Gauri .....	—	—		—
Rajasthan Block:				
Mangala (MARS), 2004 .....	—	33		—
Aishwariya .....	—	—		—
Bhagyam .....	—	—	133,084	—
Shakti .....	—	—		—
Kaameshwari West .....	—	—		—

### OIL & NATURAL GAS CORP. LTD.

<b>EASTERN:</b>				
Demulgaon, 1976 .....	9,646-11,840	14		33.0
Geleki, 1968 .....	9,518-14,769	95		30.0
Lakwa-Lakhmani, 1964 .....	6,564-14,113	175		33.0
Rudrasagar, 1960 .....	7,877-13,128	45		26.0

### SOUTHERN:

Adikamangalam, 1989 .....	—	4		—
Kamalapuram, 1990 .....	—	12		—
Kovil kallappal, 1990 .....	—	5		—
Lingala, 1989 .....	—	5		45.0
Mori, 1990 .....	—	3		45.0
Nannilam, 1988 .....	—	4		—
Narimanam, 1985 .....	6,236-7,549	25	43.0 - 45.0	
Tiruvurur, 1990 .....	—	4		—



## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>WESTERN:</b>				
Ahmedabad, 1967 . . . . .	—	55	150,553	—
Ankleshwar, 1960 . . . . .	1,969-6,564	135		47.6-60.0
Balol, 1970 . . . . .	3,280-3,600	82		16.0
Bechrapi, 1987 . . . . .	2,858	110		16.0
Gandhar, 1984 . . . . .	9,846-12,145	170		49.9
Jhalora, 1976 . . . . .	3,940-4,270	78		25.7
Jotana, 1977 . . . . .	3,600-4,930	55		39.0
Kadi North, 1967 . . . . .	3,610-7,220	235		22.3
Kadi South, 1968 . . . . .	6,892-9,846	36		41.1
Kalol, 1961 . . . . .	4,595-10,830	286		37.0
Kathana, 1965 . . . . .	5,250-5,906	10	78,416	25.0
Khambot . . . . .	—	—		—
Kosamba, 1963 . . . . .	1,313-8,533	4		45.0
Lanwa, 1972 . . . . .	4,595-10,830	74		15.0
LLimbodra, 1985 . . . . .	—	41		—
Mehsana . . . . .	—	—		—
Motwan and Sisodara, 1974 . . . . .	4,920-5,580	7		45.4
Nada, 1988 . . . . .	9,180-11,490	5		47.6
Nandasan, 1975 . . . . .	—	32		—
Nawagam, 1963 . . . . .	4,595-10,174	120		35.0
Sanand, 1962 . . . . .	4,267-10,174	52	3,719	25.7
Santhal, 1974 . . . . .	3,280-3,600	120		17.0
Sobhasan & West				
Sobhasan, 1968 . . . . .	4,595-9,846	112		33.0
Viraj, 1978 . . . . .	4,595-4,923	40		22.3
Wasna, 1969 . . . . .	—	45		—
<b>OIL INDIA LTD.</b>				
Bhekulajan, 1995 . . . . .	11,000-12,000	5	771,273	31.0
Digboi, 1890 . . . . .	300-7,500	75		25.0-34.0
Dikom, 1990 . . . . .	10,000-13,000	13		32.0
Hapjan, 1987 . . . . .	10,000-11,000	37		25.0-34.0
Jorajan, 1972 . . . . .	7,000-12,000	125		25.0-34.0
Kathaloni, 1991 . . . . .	10,000-13,000	23		25.0-34.0
Makum/North Hapjan, 1995 . . . . .	11,000 - 14,000	128		29.0 - 32.0
Kharsang/Ningru/				
Kumehai, 1976 . . . . .	3,500-5,500	52		—
Moran, 1956 . . . . .	10,000-12,000	52		—
Nahorkatiya, 1953 . . . . .	8,500-10,000	128	3,719	32.0
Shalmari, 1986 . . . . .	11,000-12,000	27		25.0 - 34.0
Others . . . . .	—	34		—
<b>Total India.....</b>		<b>3,719</b>		<b>771,273</b>

## INDONESIA

### CONOCOPHILLIPS

South Natuna Sea Blk B PSC:				
• Belida, 1989 .....	4,300-5,000	—	17,500	46.6
• Kakap KG, 1978 .....	4,500	—		45.0
• Kakap KH, 1980 .....	6,350	—		43.0
• Kakap KRA, 1991 .....	5,200	—		43.0
• Kapap KF, 1984 .....	2,875	—		51.0
• North Belut .....	—	—		—
• Sembilang, 1994 .....	4,000-4,700	—		37.0
Corridor Blk PSC:				
Supat, 1984 .....	4,626	—	4,000	33.6
Rawa, 1985 .....	4,086	—		37.0
South Rawa, 1985 .....	4,086	—		37.0
Puyuh .....	—	—		—
*ConocoPhillips production includes NGL				

### ENI

Sanga Sanga .....	—		14,843	—
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### EXXONMOBIL

Arun (c), 1971 .....	9,367	49	1,300	55.0
Banu Urip .....	—		22,000	—
Pase, 1983 .....	6,600		50.0	
SLS, 1972 .....	8,000		38.0	

### CALTEX PACIFIC INDONESIA

• Attaka, 1970 .....	4,000-14,000		39.0-42.5	
• Bangkirai, 2001 .....	1,500-5,000		15.0-25.5	
• Mahoni, 1999 .....	2,000-8,000		17.5-33.0	
• Melahin, 1972 .....	4,600-8,600		16.9-29.0	
• Pantai, 1982 .....	3,600-4,200		—	
• Santan, 1996 .....	8,000-15,800		39.5-42	
• Seguni, 1995 .....	5,000-14,200		33.0	
• Sejadi, 1998 .....	6,600-8,800		30.0-35	

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Sepinggan, 1973 .....	5,000-16,000			24.0-36.5
• Serang, 1973 .....	6,000-16,300			40.0-45.0
• West Seno, 1998 .....	7,300-8,600			39.0
• Yakin Central, 1976 .....	800-8,100			18.5-21.5
Aman, 1974 .....	4,700			39.0
Ami .....	—			—
Ami North .....	—			—
Ampuh, 1981 .....	6,000			38.0
Antara, 1978 .....	1,425			36.0
Asih .....	—			—
Asih North .....	—			—
Balam South, 1969 .....	1,600			33.0
Balam Southeast, 1972 .....	4,500			29.0
Bangko, 1970 .....	1,950			34.0
Batang CPI .....	—			—
Batang Siak .....	—			—
Bekasap South 1968 .....	3,900			34.0
Bekasap, 1955 .....	2,950			—
Benar, 1973 .....	2,450			33.0
Candi .....	—			—
Cebakan, 1974 .....	4,700			30.0
Cucut, 1981 .....	5,800			33.0
Duri, 1941 .....	770			22.0
Fajar .....	—			—
Gading .....	—			—
Genting .....	—			—
Gulamo .....	—			—
Hitam, 1975 .....	6,690			39.0
Hiu .....	—			—
Intan, 1977 .....	3,350			33.0
Jambon .....	—			—
Jorang, 1972 .....	5,500			38.0
Kelok .....	—			—
Kerang, 1977 .....	3,900			39.0
• Kerindingan, 1972 .....	6,000-8,000			26.4-27.5
Kirana .....	—			—
Kopar, 1974 .....	5,300			37.0
Kotabatak, 1952 .....	5,500			29.0
Kulin, 1970 .....	2,050			20.9
Lampu .....	—			—
Langgak, 1976 .....	1,380			32.0
Libo Southeast (c), 1973 .....	—			—
Libo Southeast, 1973 .....	3,300			—
Libo, 1968 .....	6,000			35.0
Lincak, 1981 .....	2,570			35.0
Lindai, 1971 .....	1,100			32.0
Menggala North, 1968 .....	3,850			33.0
Menggala South - Rokan, 1968 .....	3,375			34.0
Menggala South - Siak, 1968 .....	3,375			34.0
Minas, 1944 .....	2,600			35.0
Mutiara, 1976 .....	3,500			34.0
Nella, 1977 .....	5,000			35.0
Nusa .....	—			—
Obor .....	—			—
Oki ( c) .....	—			—
Pager, 1974 .....	4,300			38.0
Pelita, 1977 .....	6,600			39.0
Pematang Bow, 1969 .....	5,300			33.0
Pematang, 1959 .....	3,750			32.0
Pemburu, 1981 .....	2,300			35.0
Penasa .....	—			—
Perkebunan, 1977 .....	2,300			29.0
Petani, 1964 .....	4,750			33.0
Petapahan, 1971 .....	4,500			28.0
Piala .....	—			—
Piala South .....	—			—
Pinang, 1971 .....	3,950			30.0
Pinggir South, 1972 .....	3,300			35.0
Pinggir, 1973 .....	3,300			39.0
Pudu, 1972 .....	5,950			35.0
Pukat .....	—			—
Puncak, 1979 .....	2,400			36.0
Pungut West .....	—			—
Pungut, 1951 .....	3,400			38.0
Rangau, 1968 .....	6,100			42.0
Rantaubais, 1972 .....	1,070			18.0
Reco .....	—			—
Ronda .....	—			—

# WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Sakti .....	—	—	—	—	• Zelda, 1971 .....	6,300	—	—	32.0
• Sapi .....	—	—	—	—	<b>COSTA/JAPEX</b>	—	—	—	60.4
• Sedangdan .....	—	—	—	—	Arbey Selo .....	—	—	—	60.4
Seruni, 1972 .....	—	—	—	—	<b>EXSPAN/ETAKSATRIA PETRASANGA</b>	—	—	—	—
Sidingin .....	3,000	—	35.0	—	Tarakan, 1906 .....	—	—	—	—
Sikladi, 1975 .....	—	—	—	—	Juata, 1926 .....	1,278-3,600	—	19.0-20.5	—
Sintong, 1971 .....	4,340	—	40.0	—	Mengatal, 1938 .....	1,050-5,250	—	19.0-32.0	—
Suram, 1971 .....	3,900	—	32.0	—	Pamusian, 1906 .....	213-2,772	—	18.0-19.0	—
Tandun, 1969 .....	1,750	—	28.0	—	Sesanip, 1938 .....	750-1,050	—	19.0-20.0	—
Tanggul .....	3,000	—	33.0	—	Sanga-Sanga .....	—	—	—	—
Tegar .....	—	—	—	—	Anggana, 1903 .....	230-2,772	—	25.0-29.0	—
Telinga, 1975 .....	—	—	—	—	Kutai Lama North, 1938 ...	426-5,637	—	27.0-33.0	—
Tiang .....	4,205	—	33.0	—	Kutai Lama South, 1902 ...	1,640-2,953	—	25.0-30.0	—
Tilan .....	—	—	—	—	Louise Central, 1898 .....	102-1,898	—	25.0-30.0	—
Titian .....	—	—	—	—	Louise North, 1902 .....	62-2,264	—	25.0-29.0	—
Topas, 1977 .....	—	—	—	—	Louise South, 1897 .....	82-2,379	—	25.0-30.0	—
Tunas .....	5,200	—	33.0	—	Maura, 1902 .....	869-2,297	—	25.0-29.0	—
Ubi, 1976 .....	—	—	—	—	Nonny, 1975 .....	295-3,248	—	27.0-31.0	—
Waduk, 1982 .....	4,350	—	35.0	—	T. Una, 1936 .....	163-2,297	—	27.0-29.0	—
<b>CONOCOPHILLIPS</b>	—	—	—	—	Samboja .....	—	—	—	—
Alur Cimon, 1972 .....	3,098	—	50.8	—	Jambatan B., 1934 .....	951-213	—	26.0	—
APP, 1950 .....	701	—	—	—	Samboja, 1909 .....	65-4,387	—	18.0-27.0	—
Bago, 1977 .....	2,250	—	—	—	Harimau, 1990 .....	7,200	—	29.3	—
Belanak .....	—	—	—	—	<b>GOLDEN SPIKE/KODEL</b>	—	—	—	35.0
Bentayan, 1932 .....	4,446	—	22.0	—	Tanjung Kurung .....	—	—	—	35.0
Bertak, 1988 .....	4,364	—	27.4	—	<b>HALLIBURTON/CITRA</b>	—	—	—	—
Bijak, 1987 .....	1,705	—	21.3	—	Abab, 1951 .....	600	—	36.0	—
Geodondong, 1965 .....	3,192	—	52.0	—	Dewa, 1936 .....	8,337	—	—	—
Grisik, 1986 .....	1,160	—	—	—	Raja, 1950 .....	600	—	38.0	—
Julo Rayeu, 1968 .....	2,832	—	53.6	—	<b>HESS</b>	—	—	—	—
Keban, 1941 .....	1,358	—	49.0	—	• Ujung Pangkah, 1998 .....	—	—	—	—
Kebon Jaro .....	—	—	—	—	<b>KODECO</b>	—	—	—	—
Keri, 1985 .....	3,957	—	41.5	—	Madura KE-2, 1978 .....	3,370-4,080	—	34.8	—
Kluang, 1913 .....	2,591	—	42.6	—	Madura KE-23, 1987 .....	6,700-8,350	—	—	—
Le Tabue .....	—	—	—	—	Madura KE-5 .....	—	—	—	—
Mangunjaya, 1934 .....	2,700	—	32.0	—	<b>KONDUR PETROLEUM</b>	—	—	—	—
Merbau, 1979 .....	600	—	—	—	• Kurau, 1986 .....	4,500-9,000	—	47.4	—
Meuranti, 1978 .....	750	—	—	—	• Lalang, 1980 .....	3,100-3,600	—	39.6	—
Panarukan, 1976 .....	4,915	—	39.4	—	• Melibur JS, 1984 .....	900-1,300	—	38.2	—
Peudawa, 1980 .....	3,083	—	48.1	—	• Mengkapan, 1981 .....	3,850-4,450	—	42.0	—
Peureulaw .....	—	—	—	—	MSBV, 1993 .....	4,500-9,000	—	—	—
Ramba, 1982 .....	3,150	—	37.0	—	• Selatan, 1987 .....	3,900-4,500	—	—	—
Rantau Panjang .....	—	—	—	—	<b>KUFPEC INDONESIA</b>	—	—	—	—
Tanjung Laban, 1982 .....	3,590	—	38.1	—	Oseil, 1994 .....	6,700	—	22.0	—
Tempino, 1931 .....	1,647	—	40.9	—	<b>LION OIL</b>	—	—	—	—
Tengah, 1984 .....	3,245	—	34.7	—	• Bula, 1897 .....	280-1,900	—	24.0	—
Tualang, 1973 .....	2,631	—	49.9	—	<b>MEDCO ENERGI</b>	—	—	—	—
<b>BINATEK KRUH</b>	—	—	—	—	• Tiaka .....	—	—	—	—
Kruh .....	—	—	—	—	<b>PERKASA EQUATORIAL</b>	—	—	—	35.0
<b>BP</b>	—	—	—	—	Sembakung, 1976 .....	7,956	—	—	35.0
• Ardjuna, 1969 .....	2,380-7250	—	37.0	—	<b>PERTAMINA/PEARL OIL (JOB)</b>	—	—	—	—
• Arimbi, 1972 .....	2,943	—	33.0	—	Jambi EOR .....	—	—	—	—
• Northwest Corner, 1974 .....	5,411-5,800	—	31.5	—	<b>PERTAMINA</b>	—	—	—	—
• Pagerungan, 1994 .....	—	—	61.0	—	<b>CEPU</b>	—	—	—	—
<b>BUMI SIAK PUSAKO</b>	—	—	—	—	Kawengan, 1926 .....	2,000	—	32.5-35.9	—
Pekanbaru .....	—	—	—	—	Ledok, 1893 .....	1,380	—	33.9-40.9	—
<b>CNOOC</b>	—	—	—	—	Nglobo, 1986 .....	1,182	—	37.3-42.3	—
• Cinta, 1970 .....	3,500	—	34.0	—	Semanggi, 1986 .....	1,200	—	37.3-39.7	—
• Duma, 1983 .....	2,300	—	16.0	—	Tinawun, 1926 .....	656	—	—	—
• Farida, 1982 .....	7,000	—	32.0	—	Wonocolo, 1926 .....	656	—	32.5-37.9	—
• Gita, 1972 .....	5,000	—	33.0	—	<b>PERTAMINA</b>	—	—	—	—
• Indri, 1989 .....	3,500	—	34.2	—	<b>JAMBI</b>	—	—	—	—
• Intan, 1987 .....	3,200	—	32.0	—	Andan, 1950 .....	2,507	—	36.0	—
• Intan Northeast, 1987 .....	3,300	—	32.6	—	Betung, 1966 .....	4,003	—	42.0	—
• Karmila, 1983 .....	4,650	—	36.0	—	Belimbing .....	1,522	—	35.0	—
• Kitty, 1971 .....	2,700	—	18.0	—	Bungin Batu .....	9,679	—	47.8	—
• Krisna, 1976 .....	4,500	—	37.0	—	Ketaling Timur, 1985 .....	3,432	—	18.0-28.0	—
• Nora, 1973 .....	2,800	—	29.0	—	Lirik, 1939 .....	1,633	—	34.0	—
• Rama, 1974 .....	3,200	—	31.0	—	Molek, 1956 .....	2,600	—	34.0	—
• Selatan, 1978 .....	2,800	—	20.0	—	North Pulai, 1941 .....	1,800	—	34.0	—
• Sundari, 1981 .....	4,400	—	25.0	—	Setiti Tenggara, 1960 .....	1,837	—	34.0	—
• Titi, 1981 .....	6,100	—	33.0	—					
• Wanda, 1982 .....	4,800	—	36.0	—					
• Widuri, 1988 .....	3,500	—	24.0	—					
• Yvonne, 1980 .....	5,000	—	36.0	—					

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Sungai Lilin, 1964 .....	2,690		24.0-38.0	
South Pulai, 1941 .....	1,800		34.0	
Tuba Obi .....	5,046		34.0	
<b>PERTAMINA</b>				
<b>KARANGAMPEL</b>				
Camaya Selatan, 1980 .....	8,202		26.6-38.3	
Camaya Utara, 1930 .....	8,202		25.5-38.3	
Cemara Barat/Timur, 1979 ..	7,070		29.9-39.7	
Cemara Selatau, 1975 .....	3,965		32.6	
Gonar .....	3,238		31.4-48.9	
Kandang Haui Timur, 1979 ..	7,546		34.5-38.5	
MB STR, 1985 .....	10,400		37.1-40.0	
Paskcerang .....	5,479		31.0	
Pegaden, 1986 .....	6,890		25.2-42.0	
Randegan, 1973 .....	5,578		31.2-46.6	
Rengasdengiok .....	5,563		36.8	
Sindang, 1988 .....	4,921		39.1-56.1	
Tugu Barat, 1979 .....	3,014		29.3-42.7	
Waled Utata, 1978 .....	5,119		—	
Other, 1973 .....	6,850		25.0-39.6	
<b>PERTAMINA</b>				
<b>PRABUMULIH</b>				
Batu Keras, 1903 .....	1,950		45.0-46.0	
Benakat Timur Blok Selatan, 1973	4,167		33.0-36.0	
Benakat Timur Blok Tangah ..	4,154		33.0-36.0	
Benngin .....	7,218		29.0-30.8	
Benuang .....	5,383		33.0	
Gunung Kemala, 1941 .....	5,548		30.7-49.6	
Jirak, 1930 .....	2,093		34.0-37.0	
Kampung Minyak, 1896 .....	2,005		45.0-46.0	
Kruh North, 1935 .....	4,652		41.7	
Kuang, 1940 .....	5,249		25.0	
Lempak, 1940 .....	402		—	
Musi, 1985 .....	2,717		27.4	
Ogan Timur, 1936 .....	4,619		25.5	
Pandan, 1993 .....	6,718		25.5-46.7	
Prabumulih Barat, 1953 .....	5,811		29.0	
Sopa, 1997 .....	5,905		35.5-36.2	
Suban Jeriji, 1905 .....	1,995		45.0-46.0	
Sukaraja, 1934 .....	7,379		22.5	
Sungai Taham, 1904 .....	1,980		45.0-46.0	
Talang Akar, 1922 .....	8,562		35.0	
Talang Jimar, 1937 .....	4,123		27.3	
Tanjung Miring Barat, 1938 ..	7,688		27.7-32.8	
Tanjung Tiga Barat, 1948 .....	7,888		26.0-32.2	
Tanjung Tiga Timur, 1940 .....	3,937		26.9	
Tepus, 1997 .....	10,171		45.0	
<b>PERTAMINA</b>				
<b>RANTAU</b>				
Arubay, 1927 .....	1,909		45.3-50.3	
Gebang, 1977 .....	2,917		42.5-59.7	
Kuala Dalam, 1983 .....	3,872		48.7-51.1	
K. Simpang Barat, 1971 .....	3,740		40.3-53.7	
P.Tabuhan Barat, 1937 .....	3,350		47.3-55.8	
P.Tabuhan Timur, 1968 .....	2,460		47.3-55.8	
Perapen, 1992 .....	4,659		50.6	
Polonia, 1988 .....	9,010		45.0	
Pulau Panjang, 1928 .....	3,300		41.3-50.9	
Rantau, 1929 .....	2,764		44.4-52.3	
Serang Jaya, 1926 .....	3,701		46.9-59.7	
Sungal Buluh, 1984 .....	3,701		51.5-52.0	
<b>PERTAMINA</b>				
<b>SANGATTA</b>				
Bunyu Nibung, 1901 .....	7,874		—	
Sangatta, 1936 .....	2,600		—	
Tapian Timur, 1967 .....	2,067		—	
Warukin Setaban, 1966 .....	3,250		—	
Warukin Tengah, 1958 .....	1,500		—	
<b>PERTAMINA</b>				
<b>SORONG</b>				
Klamono, 1936 .....	574		19.0	
Salawati-0, 1977 .....	—		58.0	
Wiriagar, 1984 .....	3,500		39.7	
<b>PETROCHINA</b>				
<b>KEPALA BURUNG BLOCK</b>				

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Arar Gas (c), 1977 .....	8,748			50.0
Cenderawasih, 1976 .....	3,226			26.7
Jaya, 1973 .....	2,843			39.6
Kasim, 1972 .....	3,031			36.5
Kasim Barat, 1975 .....	4,129			34.5
Kasim Utara, 1973 .....	4,832			25.7
Klalin, 1990 .....	8,460			43.5
Klalin (c), 1986 .....	8,025			55.0
Moi, 1979 .....	4,372			16.2
Walio Kais, 1973 .....	2,337			34.3
Walio Text II, 1973 .....	2,268			34.3
Walio "U", 1975 .....	2,284			34.3
<b>PETROCHINA</b>				
<b>SALAWATI KEPALA BURUNG BLOCK</b>				
Matoa, 1991 .....	9,412			31.4
SWO, 1996 .....	9,577			51.5
<b>PETROCHINA</b>				
<b>TUBAN BLOCK</b>				
Mudi, 1994 .....	8,516			37.4
<b>PETROCHINA</b>				
<b>JABUNG BLOCK</b>				
Makmur, 1996 .....	3,954			50.1
North East Betara, 1995 .....	4,052			57.0
North Geragai, 1995 .....	4,000			48.5
Gemah, 1998 .....	6,500			35.0
North Betara, 1998 .....	6,200			34.0
<b>PETRONUSA BUMI BHAKTI</b>				
Selat Panjang, 1994 .....	—			—
<b>P. LIRIK PETROLEUM</b>				
Belimbing, 1952 .....	4,922			—
Sago, 1940 .....	1,800			34.0
<b>SEA UNION ENERGY/HUSKY</b>				
Belimbing, 1965 .....	5,371			35.5
Karangan, 1975 .....	5,250			23.0
Limau Barat, 1928 .....	3,898-4,626			—
Limau Niru, 1954 .....	5,118			—
Limau Timur, 1928 .....	3,898-4,626			—
<b>TALISMAN</b>				
Air Serdang, 1988 .....	5,248			30.1-32.0
Guruh, 1991 .....	5,861			30.0
<b>TOTAL SA INDONESIA</b>				
• Bekapai, 1972 .....	4,600-15,600			40.0
• Handil, 1974 .....	2,900-19,200			33.0
Peciko .....	—			—
SisiNubi .....	—			—
South Mahakam .....	—			—
Tambora-Tunu (c), 1985 .....	8,001-13,000			55.0
<b>VIRGINIA INDONESIA</b>				
Badak, 1972 .....	4,350-12,600			34.4
Lampake, 1981 .....	7,000-9,000			—
Mutiara, 1984 .....	1,500-8,500			38.5
Nilam, 1974 .....	7,300-14,700			33.4
Pamaguan, 1974 .....	500-6,000			26.8
Semberah, 1974 .....	2,000-8,500			30.0
Wailawi (c), 1974 .....	2,600-4,800			32.0
<b>OTHERS</b>				
Mamburungan, 1989 .....	5,020-5,131			30.1
• Pagerungan (c), 1994 .....	6,550-8,455			—
<b>Total Indonesia.....</b>		<b>10,472</b>	<b>862,400</b>	

## IRAN

<b>ENI</b>				
Darquain, 1978 .....	14,268		127,869	—
ENI's production includes NGL.				
<b>NIOC</b>				
Azadegan .....	—			—
Ab-e-Teymour, 1967 .....	10,500			32.6
• Abouzar, 1969 .....	2,800			26.0
Abu Zar .....	—			—
Agha Jari, 1936 .....	7,440			34.0
Aghar (c), 1974 .....	—			—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Ahwaz/Asmari, 1958.....	8,150			32.0
• Bahregansar, 1960.....	9,000			30.0
• Balal, 1967.....	—			—
Bangestan.....	—			—
Bibi Hakimeh, 1961.....	4,570			29.9
Binak, 1959.....	10,440			29.9
Binak, 2002.....	—			—
Cheshmeh Khush, 1967....	10,700			29.0
Chillingar, 1974.....	3,500			36.6
Dalan (c), 1976.....	—			—
Danan, 1971.....	—			—
Dehluran, 1972.....	11,900			35.5
• Dorood, 1961.....	11,000			34.0
• Farsi-B.....	—			—
• Ferdous, 1976.....	—			—
• Forozan, 1966.....	7,000			28.5
Gachsaran, 1937.....	3,400			32.0
Ghalehnar.....	—			—
Gulkhari, 1964.....	—			—
• Golshan.....	—			—
Haft Kel, 1927.....	1,980			31.1
• Hendijan, 1968.....	11,000			—
• Henjam, 1975.....	—			43.5
Kangan (c), 1973.....	—			—
Karani/Parsi, 1963.....	5,360			34.4
Karoon, 1970.....	—			—
Kupal, 1965.....	10,500			32.0
Lab-e Safid, 1968.....	4,350			35.3
Lali, 1948.....	5,500			24.0
Maleh Kuh, 1968.....	—			—
Mansuri, 1963.....	7,100	2,074	2,872,131	27.5
Marun, 1963.....	9,400			34.0
Masjid-e Suleiman, 1908....	1,600			40.0
• Mobarak.....	—			—
Naft Safid, 1938.....	5,000			44.5
Naft-Shahre, 1923.....	2,000-3,000			43.0
Nar (c), 1975.....	—			—
Nargesi, 1975.....	—			—
• North Pars.....	—			—
Nosrat, 1986.....	8,250			32.6
Par-e Siah, 1964.....	4,250			31.7
Parsi, 1964.....	4,670			33.9
Paydar, 1979.....	—			—
Pazanan (c), 1936.....	—			—
Pazanan, 1961.....	7,250			35.0
Rag-e Safid, 1964.....	7,230			28.8
Ramin, 1966.....	12,200			32.9
Ramshir, 1962.....	8,750			27.8
• Resalat, 1969.....	7,650			34.0
• Reshadat, 1966.....	7,000			34.4
• Salman, 1965.....	7,500-8,100			34.0
Sarkan, 1969.....	—			—
Sarkhun (c), 1973.....	—			—
Shadegan, 1989.....	7,850			35.6
• Sirri-A.....	—			—
Sirri-C, 1973.....	7,050			31.0
Sirri-D, 1978.....	8,000			31.0
• Sirri-E.....	—			—
• South Pars.....	—			—
Sulabedar, 1971.....	3,400			39.5
• Tabnak, 1999.....	—			—
West Paydar, 1979.....	—			—
Zagheh.....	—			—
Zilae.....	—			—
<b>SHELL IRAN</b>				
• Nowruz, 1966.....	8,200			21.0
• Soroosh, 1962.....	7,000			19.0
<b>Total Iran.....</b>		<b>2,074</b>	<b>3,000,000</b>	

## IRAQ

<b>ENI</b>			
Zubair.....	—		262,002
<b>EXXONMOBIL/SOUTH OIL COMPANY</b>			
West Quram I.....			460,000
<b>DNO</b>			
Tawke, 2006.....	—		—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>INOC</b>				
Abu Ghurab, 1971.....	9,800			24.0
Ajil.....	—			—
Ain Zalah, 1939.....	5,200-6,500			31.0
Amara.....	—			—
Az-Zubair.....	—			—
Bai Hassan, 1953.....	4,800-5,400			34.0
Balad, 1983.....	6,000-7,000			25.0
Butmah, 1953.....	3,900			31.0
Buzurgan, 1970.....	12,000			24.0
East Baghdad, 1975.....	6,000-7,000			23.0
Halfaya.....	—			—
Hamrin, 1973.....	2,000			30.0
Jabal Fauqui, 1974.....	10,000	1,526	2,196,298	25.5
Jambur, 1954.....	5,500-12,500			38.0
Khabbaz.....	—			—
Kirkuk, 1927.....	2,800-4,200			36.0
Luhais, 1961.....	8,200			33.0
Naft Khanah, 1909.....	3,500			42.5
Nahr Umar, 1949.....	8,200			42.0
Qaiyarah, 1929.....	650			16.0
Rumaila North, 1958.....	10,300			33.0
Rumaila South, 1953.....	10,200			34.0
Suffayah, 1978.....	3,900			25.0
Subba.....	—			—
Tuba.....	—			—
West Tikrit, 1985.....	8,200			23.0
Zubair, 1949.....	10,200			35.0
<b>Total Iraq.....</b>		<b>1,526</b>	<b>2,918,300</b>	

## ISRAEL

<b>LAPIDOTH</b>				
Heletz-Brur, 1955.....	5,200	2		29.4
Luxi.....	6,000	1	600	29.0
Meged.....	14,300	1		47.0
<b>Total Israel.....</b>		<b>4</b>	<b>600</b>	

## ITALY

<b>ENI</b>				
Amelia.....	—	—	1	—
Aquila.....	—	—	61	—
Armatella.....	—	—	368	—
Bronte-S. Nicola.....	—	—	85	—
Cammarata.....	—	—	47	—
Candela.....	—	—	80	—
Capparuccia.....	—	—	2	—
Caviaga.....	—	—	2	—
Fiumetto-Masseria Vecchia..	—	—	158	—
Gagliano.....	—	—	71	—
Cavone, 1973.....	9,350	8	—	24.2
Cerro Falcone, 1991.....	7,430	1	—	31.8
• Gela, 1956.....	10,827	71	5,933	9.8
Giaurone, 1982.....	10,170	5	1,683	9.8
Monte Alpi, 1988.....	9,870	7	—	38.5
• Perla, 1976.....	7,874	4	233	14.6
Pistocchi, 1960.....	6,980	10	242	15.4
Pizzo Tamburino.....	—	—	45	—
Ponte-Drillo, 1958.....	9,514	6	324	15.5
• Prezioso, 1982.....	15,748	6	1,658	18.9
Ragusa, 1954.....	4,593	21	883	19.3
Torrente Tona, 1963.....	4,101	11	102	29.8
Trecate/Villafortuna, 1984...	18,044	10	3,089	43.3
Treasures.....	—	—	3,172	—
Val Dagri.....	—	—	83,353	—
ENI's production includes NGL.				

## EDISON GAS

• Rospo Mare, 1975.....	4,300	24		11.0
• Sarago Mare, 1979.....	4,350	2	2,000	8.0
• Vega, 1980.....	8,500	18		16.0
<b>Total Italy.....</b>		<b>204</b>	<b>103,592</b>	

## IVORY COAST

<b>CANADIAN NATURAL RESOURCES</b>				
• Baobab, 2001.....	9,000	—		22.5

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Espoir East, 1979 .....	6,700-8,200	—	45,000	33.0
<b>FOXTROT INTERNATIONAL</b>				
• Foxtrot (c), 1981 .....	7,313	2		50.7
<b>DEVON</b>				
• Lion, 1994 .....	11,290	5	45,000	35.5
• Panther (c), 1994 .....	10,875	2		52.5
<b>PETROCI</b>				
• Belier, 1975 .....	—	—		—
<b>TULLOW</b>				
• Espoir W. ....	1,980	5		—
<b>Total Ivory Coast .....</b>		<b>14</b>	<b>45,000</b>	

## JAPAN

<b>JAPEX</b>				
Amarume, 1960 .....	—	1	13,700	—
Ayukawa, 1989 .....	—	1		—
Higashi-Niigata (c), 1959 .....	4,500-9,200	3		53.9
• Iwafune-Oki, 1983 .....	5,050-8,660	8		—
Katakai (c), 1960 .....	3,310-16,300	0		50.0
• Sarukawa, 1958 .....	2,000-3,200	39		32.3
Yoshii (c), 1968 .....	8,000	0		61.8
Yufutsu, 1988 .....	13,100-15,800	3		43.0
Yurihara, 1976 .....	1,310-7,610	3		43.5
Other .....	—	26		—
<b>INPEX</b>				
Higashi-Kashiwazaki, 1970 ..	6,000-8,900	4		62.0
Kubiki, 1959 .....	1,100-6,400	0		29.7
Minami-Aga, 1964 .....	7,300-9,600	6		38.5
Minami-Nagaoka, 1984 .....	13,200-15,100	14		55.7
Yabase, 1933 .....	1,100-5,800	40		33.0
<b>Total Japan .....</b>		<b>148</b>	<b>13,700</b>	

## JORDAN

<b>NRA</b>				
Hamzah, 1984 .....	9,500	4	0	29.0
<b>Total Jordan .....</b>		<b>4</b>	<b>0</b>	

## KAZAKHSTAN

<b>ENI</b>				
Karachaganak, 1979 .....	16,400	96	239,173	42.0
*ENI production figures include NGL.				
<b>CNPC</b>				
Aktobemunaigas .....	—	—	1,343,427	—
Uzenmunaigas .....	—	—		—
Mangistaumunaigas .....	—	—		—
Kumkol .....	—	—		—
North Buzachi .....	3,000	127		—
Aryskum, 1988 .....	3,937	34		—
Kyzylkiya, 1988 .....	5,249	34		—
Kumkol S., 1984 .....	3,300-4,600	158		42.0
Maibulak, 1988 .....	4,593	9		—
North Nurali, 2002 .....	7,546-11,647	8		—
South Kumkol, 1992 .....	4,593	23		—
Zhanazhol .....	—	250		—
<b>JSC KARAKUDUKMUNAI</b>				
Karakuduk, 1971 .....	—	92		—
<b>KAZGERMUNAI</b>				
Akshabulak, 1988 .....	—	20		—
Nurali/Aksai .....	—	15		—
<b>MAERSK</b>				
Saigak .....	—	5		—
<b>PETROM</b>				
Komsomolskoe .....	—	—		—
<b>SHELL KAZAKHSTAN</b>				
Arman, 1980s .....	1,100-1,300	16		—
<b>TENGIZCHEVROIL</b>				
Korolev .....	—	—		—
Tengiz, 1979 .....	14,700	74		44.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>TURGAI</b>				
Kumkol North .....	—	228		—
<b>OTHER</b>				
Kazakhoil-Aktobe .....	—	67		—
<b>Total Kazakhstan .....</b>		<b>1,256</b>	<b>1,582,600</b>	

## KUWAIT

<b>KOC</b>				
Ahmadi, 1952 .....	4,800	1,286	2,454,200	31.7
Bahra, 1956 .....	8,500			—
Burgan, 1938 .....	4,800			30.8
Magwa, 1951 .....	4,800			33.0
Minagish, 1959 .....	10,000			34.4
Raudhatain, 1955 .....	8,600			34.4
Sabriya, 1957 .....	8,300			36.3
Umm Gudair, 1962 .....	9,000			26.9
<b>Total Kuwait .....</b>		<b>1,286</b>	<b>2,454,200</b>	

## KYRGYZSTAN

Beshkent-Togap, 1976 .....	5,249	—	1,000	31.0
Changyrtash, 1932 .....	1,608-1,804			32.0-34.0
Chaur-Yarkutan-Chimion, 1904	948-1,148			31.0-31.7
Chigirchik, 1976 .....	3,281			33.0
Chongara-Gal'cha, 1949 .....	1,312-1,509			31.0
Izbaskent, 1972 .....	6,440-7,874			33.5-34.0
Maylisay, 1901 .....	1,640			31.5
Maylisu III, 1962 .....	2,133-2,379			33.0-34.0
Maylisu IV-Izbaskent E., 1948	3,822-4,692			31.0-43.0
<b>Total Kyrgyzstan .....</b>		<b>—</b>	<b>1,000</b>	

## LIBYA

<b>ENI</b>				
• Bahr Essalam .....	—		34,937	—
• Bouri, 1976 .....	8,300		40,658	26.1
Bu Attifel, 1968 .....	14,000		55,519	40.7
El Feel .....	—		88,668	—
KK .....	—		1,703	—
NC-125, 1982 .....	14,800		—	41.8
NC-174 Elephant .....	—		—	—
OO-82, 1985 .....	11,500		3,716	37.1
Rimal .....	—		758	36.6
UU-82, 1990 .....	15,100		2,258	41.3
XX-82, 1992 .....	15,700		916	41.7
Wafa .....	—		38,422	—
YY-82 .....	—		694	—
*ENI production figures include NGL.				

<b>WAHA OIL CO.</b>				
Bahi, 1968 .....	2,590-4,900	245,399	25.8-39.4	40.6-43.4
Defa, 1959 .....	4,980-5,300			35.6-36.5
Gialo, 1961 .....	1,940-10,290			—
Samah .....	—			—
Waha, 1960 .....	6,050-6,140			35.4-38.4
<b>ARABIAN GULF OIL CO</b>				
Sarir, 1961 .....	8,200-8,400	—	37.0-38.7	—
Messla, 1971 .....	8,550			38.0
Nafoora Augila, 1965 .....	8,700			35.5

<b>HAROUGE OIL</b>				
Amal, 1959 .....	3,180-11,130	—	34.0-39.0	—
En Naga North, 1997 .....	5,000-7,000			42.0-48.0
En Naga W. ....	—			—
Farigh, 1969 .....	11,500			42.6
Ghani, 1978 .....	2,940-5,070			35.0-41.0
Tibisti, 1962 .....	4,880-7,250			33.0-35.0

<b>LNOC</b>				
Ali, 1975 .....	3,000	—	51.0	—
Almas, 1974 .....	3,100			52.0
Ar Rachmat, 1976 .....	4,770			36.0
As Sarah .....	—			—
Aswad, 1965 .....	9,540			49.0
Balat, 1964 .....	4,440-4,880			32.0-35.1
Beda, 1959 .....	3,000-3,500			32.0-36.5
Belhedan, 1962 .....	6,500			35.1

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Bualawn, 1971 .....	6,000	2,060	888,052	40.0
Bu Mras, 1966 .....	2,280			42.0
Choboc, 1971 .....	2,960			50.7
Daba, 1975 .....	4,550			37.0
Dahra, 1958 .....	2,090-2,480			39.8-42.5
Dor Mansour, 1967 .....	5,800			32.5
Ed Dib, 1964 .....	3,350			35.0
El-Meheiriga, 1970 .....	10,300			45.0
Eteila, 1977 .....	6,420-8,400			35.0-37.0
Facha, 1963 .....	2,450-4,200			33.0-35.0
Farrud, 1964 .....	2,250			42.0
Fidaa, 1978 .....	5,100			42.0
Ghazzun, 1974 .....	5,090-7,250			34.0-36.0
Gsur, 1978 .....	4,670			37.0
Hakim, 1978 .....	5,700			48.0
Hamada NC5, 1961 .....	6,880-7,440			37.4-41.7
Hamada NC8, 1959 .....	1,250-3,200			37.0-42.0
Harash, 1961 .....	6,930			35.9
Jebel, 1962 .....	1,510-7,100			36.7-37.5
Jofra, 1974 .....	2,660-2,700			29.2-47.0
Khalifa, 1961 .....	4,530-6,550			32.5-38.3
Kotla, 1963 .....	5,100			34.0
Lehib Dor Marada, 1965 ....	8,540			52.0
Mabruk, 1959 .....	2,800			36.2
Magid, 1968 .....	9,200-9,960			35.5-40.0
Masrab, 1961 .....	2,440-9,960			26.4-40.6
Meghil, 1961 .....	5,470			32.5
Mellugh, 1974 .....	3,420			35.0
Nafoora Non-unit, 1965 ....	2,150-10,000			31.0-39.6
Nasser, 1959 .....	5,050-7,120			36.8-38.5
Rakb, 1967 .....	2,400-9,330			36.0-41.8
Ralah, 1964 .....	7,220			37.0
RR-82, 1994 .....	13,700			38.0
Sabah, 1964 .....	4,600	43.0		
Safsaf, 1985 .....	6,200	50.0		
Sahabi-D, 1968 .....	10,050	39.0		
Samah, 1961 .....	5,610	33.4		
Shatirah, 1992 .....	9,130	37.5		
Tmed, 1974 .....	5,090	39.0		
Wadi, 1970 .....	11,600	48.0		
Zaggut, 1961 .....	5,880	34.2		
Zella, 1960 .....	5,500	41.0		
Zenad, 1980 .....	5,260	38.0		
REPSOL				
NC186 .....	—			40.5
El Sharara .....	—			—
SIRTE OIL CO				
Assumud .....	—			—
Attahadi .....	—			—
Raguba, 1961 .....	5,250			42.5
TOTAL				
• Al Jurf, 1975 .....	7,217			32.0
• Mabruk .....	—			—
WINTERSHALL				
As-Sarah, 1989 .....	12,150			37.0
Hamid, 1967 .....	9,630			43.0
Jakhira, 1969 .....	12,150			33.0
Nakhla, 1970 .....	12,150			43.0
Tuama, 1979 .....	14,150			36.0-40.5
ZUEITINA OIL CO				
Intisar, 1967 .....	4,800-9,810			25.8-51.4
Zueitina .....	—			—
Total Libya .....		2,060	1,401,700	

LITHUANIA

All fields .....	—	—	2,000	—
Total Lithuania .....	—	—	2,000	—

MALAYSIA

EXXONMOBIL E&P MALAYSIA INC.

• Guntong, 1978 .....	5,200	78	44.0
• Irong Barat, 1979 .....	3,300	5	35.0
• Palas, 1979 .....	6,300	14	49.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity	
• Seligi, 1971 .....	4,300	110	514,400	50.0	
• Semangkok, 1980 .....	3,700	19		42.5	
• Tabu, 1978 .....	5,600	17		44.0	
• Tapis, 1975 .....	6,700	38		45.0	
• Raya, 1990 .....	4,300	7		50.0	
MURPHY					
• Congkak, 2002 .....	—	—		—	
• Kikeh, 2002 .....	4,425	—		—	
• West Patricia, 2001 .....	3,000	—		37.0	
PETRONAS CARIGALI					
• Bekok, 1976 .....	5,500	9		47.0	
• Kepong, 1979 .....	6,000	3		47.0	
• Pulau, 1973 .....	4,300	6		42.3	
• Tinggi, 1980 .....	4,400	12		48.0	
• Tiong, 1978 .....	5,800	14		47.0	
• Duland, 1981 .....	4,200	102		35.0	
• Erb West, 1971 .....	6,785	28		30.0	
• Samarang, 1972 .....	5,700	30		37.0	
• Tembungo, 1971 .....	6,000	7		40.0	
PETRONAS CARIGALI/SARAWAK SHELL					
• Bakau, 1971 .....	9,390	2	38.0		
• Baram, 1963 .....	6,760	50	43.0		
• Baronía, 1967 .....	7,900	32	42.0		
• Betty, 1967 .....	7,900	7	38.0		
• Bokor, 1972 .....	2,000	25	35.0		
• Fairley Baram, 1973 .....	8,655	2	39.5		
• Siwa, 1973 .....	4,100	3	25.0		
• Tukau, 1966 .....	5,000	26	29.2		
• West Lutong, .....	—	16	39.5		
SABAH SHELL					
• Barton, 1984 .....	2,400	9	37.0		
• Ketam, 1977 .....	4,980	2	30.0		
• South Furious, 1974 .....	3,300	12	30.0		
• St. Joseph, 1975 .....	2,200	16	32.0		
SARAWAK SHELL					
• Bayan, 1976 .....	4,200	29	37.3		
• D-18, 1981 .....	4,000	11	39.9		
• D-35, 1983 .....	6,500	14	38.0		
• Gumusut .....	—	—	—		
• Temana, 1972 .....	3,100	33	35.0		
TALISMAN					
• S. Angsi .....	—	—	—		
TML					
• Bunga Raya .....	—	—	—		
• Bunga Tulip .....	—	—	—		
Total Malaysia .....		788	514,400		

MAURITANIA

PETRONAS

• Chinguetti, 2001 .....	—	6	26,000	—
• Tiof .....	—	—	—	—
Total Mauritania .....	—	6	26,000	—

MEXICO

NORTHEASTERN MARINE REGION

• Akal-Nohoch (Cantarelli), 1976	8,528	857,534	455,342	21.5
• Bacab, 1991	10,332		20.4	
• Balam	—		—	
• Chac, 1994	11,513		20.0	
• Ek, 1991	13,612		28.2	
• Ixtoc, 1974	11,808		32.5	
• Ku, 1979	10,000		20.8	
• Kutz	—		—	
• Maloob	—		—	
• Sihil	—		—	
• Zaap	—		—	



## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity	
• Caan, 1985 .....	12,136	320,000	320,000	35.3	
• Chuc, 1982 .....	13,100			33.0	
• Ixtal .....	—			—	
• Others .....	—			—	
• Pol, 1979 .....	12,600			31.0	
• Sinan .....	—			—	
• Taratunich, 1990 .....	11,559			24.7	
NORTHERN					
Acuatempa, 1955 .....	4,085	145,205	145,205	17.0	
Agua Fria, 1978 .....	6,232			16.8	
Angostura, 1954 .....	4,100			17.2	
Arenque, 1970 .....	11,362			34.7	
Atun, 1966 .....	9,040			24.9	
Bagre, 1973 .....	10,919			23.1	
Cerro Azul, 1938 .....	1,804			17.8	
Coapechapa .....	—			—	
Constotuciones, 1956 .....	6,350			18.6	
E. Ordonez, 1952 .....	5,220			17.0	
Escolin, 1942 .....	7,216			19.7	
Haliazgo, 1955 .....	10,170			23.1	
Jillapa, 1958 .....	7,390			11.4	
Marsopa, 1974 .....	10,193			18.9	
Mecatepec, 1941 .....	7,544			19.7	
Miquetia, 1959 .....	6,480			29.7	
Muro, 1965 .....	3,965			14.4	
Ocotepes, 1953 .....	3,737			17.0	
Panuco, 1901 .....	1,968			12.1	
Poza Rica, 1930 .....	17,000			30.4	
Presidente Aleman, 1949 .....	8,036			22.3	
Remolino, 1962 .....	10,745			22.3	
San Andres, 1956 .....	10,410			20.3	
Santa Agueda, 1953 .....	4,780			14.0	
Tajin .....	—			8,315	—
Tamaulipas, 1956 .....	4,200			17.0	
Tres Hermanos, 1959 .....	8,960			26.9	
Others .....	—			—	
SOUTHERN					
Agave, 1977 .....	13,450	509,589	509,589	35.3	
Bacal, 1976 .....	3,500			38.5	
Bellota, 1982 .....	17,056			41.3	
Blasillo, 1967 .....	7,216			46.3	
Cactus, 1972 .....	14,100			36.8	
Caparroso, 1982 .....	18,040			35.8	
Cardenas, 1979 .....	17,548			35.4	
Carmito, 1980 .....	10,050			37.4	
Chinchorro .....	—			32.7	
Cinco Presidentes, 1960 .....	8,862			33.5	
Comoapa, 1979 .....	14,432			47.3	
Concepcion, 1974 .....	1,600			30.5	
Copano, 1977 .....	11,890			38.7	
Costero .....	—			—	
Cuichapa, 1935 .....	2,200			32.9	
Cunduacan, 1974 .....	13,775			38.4	
Eden, 1983 .....	17,580			29.9	
El Golpe, 1963 .....	3,500			36.9	
El Plan, 1931 .....	1,700			50.0	
Fenix, 1979 .....	17,876			40.0	
Fortuna Nacional, 1927 .....	6,560			43.1	
Giraldas, 1977 .....	15,225			30.2	
Guaricho .....	—			—	
Iride, 1974 .....	13,775			—	
Jacinto, 1987 .....	19,680			31.8	
Jolote, 1983 .....	18,119			38.4	
Jujo, 1980 .....	17,548			40.6	
Lacamango, 1973 .....	1,700			44.0	
Los Soldados, 1953 .....	4,492			17.3	
Luna, 1987 .....	17,384			38.6	
Moloacan, 1962 .....	500			54.2	
Mora, 1981 .....	18,204			29.1	
Mundo Nuevo, 1977 .....	11,800			53.7	
Muspac, 1982 .....	9,676			38.0	
Nispero, 1974 .....	14,100			28.6	
Oaxiacaque, 1977 .....	11,150			38.5	
Ogarrio, 1957 .....	5,790			—	
Otates, 1965 .....	7,469			37.1	
Paredon, 1978 .....	15,690			39.7	
Pijije .....	—			37.7	

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Platanal, 1978 .....	15,900	8,315	8,315	30.8
Puerto Ceiba .....	—			41.3
Rio Nuevo, 1975 .....	14,950			33.2
Rodador, 1971 .....	11,398			35.4
S. Magallanes, 1957 .....	4,240			33.0
Samaria .....	—			—
San Ramon, 1967 .....	9,515			31.5
Santuario, 1966 .....	9,617			34.2
Sen, 1986 .....	18,204			—
Sitio Grande, 1972 .....	13,766			34.9
Sunuapa, 1976 .....	12,887			30.3
Tecominoacan, 1982 .....	19,519			—
Tizon .....	—			—
Topen, 1978 .....	11,172			27.9
Vernet, 1954 .....	3,608			29.0
Yagual .....	—			28.8
Others .....	—			—
<b>Total Mexico .....</b>		<b>8,315</b>	<b>2,554,795</b>	

## MONGOLIA

<b>SINOPEC</b>				
Tsagaan-Els, 1953 .....	—	—	—	—
Zuunbayan, 1941 .....	2,460	—	—	23.0-28.0
<b>Total Mongolia .....</b>		—	—	

## MOROCCO

<b>OFFICE NATIONAL DES HYDROCARBURES ET DES MINES</b>				
Meskala (c), 1976 .....	10,500	4	0	65.0
Sidi Fili, 1951 .....	4,590	0		39.0
Sidi Rhalem 2, 1962 .....	6,722	1		39.0
<b>Total Morocco .....</b>		<b>5</b>	<b>0</b>	

## MYANMAR

MYANMA				
Chauk-Lanywa, 1902 . . . . .	1,500-4,000	450	20,000	36.0
Mann, 1970 . . . . .	1,600-1,700			37.5
Myanaung, 1964 . . . . .	2,000-4,000			40.5
Prome, 1965 . . . . .	850-5,000			36.0
Yenangyaung, 1902 . . . . .	100-6,700			36.0
PETRONAS				
• Yetagun ( c ), 1992 . . . . .	6,400	—		47.0
TOTAL				
• Yadana (c) . . . . .	—	—	0	—
Total Myanmar.....		450	20,000	

## NETHERLANDS

ABU DHABI NATIONAL ENERGY CO. PJSC (TAQA)				
• Rijn (P15a & P15b), 1982 . . . . .	6,500		627	35.0
CHEVRON				
• Haven (Q01), 1980 . . . . .	5,300			25.5
• Helder (Q01), 1980 . . . . .	4,800			21.6
• Helm (Q01), 1979 . . . . .	4,400		1,814	17.9
• Hoorn (Q01), 1981 . . . . .	5,000			25.8
• Horizon (P09c), 1982 . . . . .	6,350		531	33.5
DANA PETROLEUM				
Hanze (F02a), 1996 . . . . .	—		4,092	—
De Ruyter (P11b), 1996 . . . . .	—		5,719	—
GDF SUEZ				
F03b, 1974 . . . . .	—	46	1,356	—
NAM				
Berkel (Rijswijk), 1951 . . . . .	—		2,547	—
Rotterdam (Rijswijk), 1984 . . . . .	—			—
Oud-Beijerland Noord (Botlek), 1984 . . . . .	—		28	—
Schoonebeek, 1943 . . . . .	2,500	50	4,988	25.0
Moddergat, 1995 . . . . .	—		—	—
Nes, 1995 . . . . .	—		—	—
WINTERSHALL				
• Kottter (K/18b), 1980 . . . . .	5,618		498	33.0
• Logger (L/16a), 1982 . . . . .	6,022		593	33.5

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>OTHERS</b>				
Condensate* .....	—		3,730	—
• Condensate* .....	—		4,532	—
<b>Total Netherlands .....</b>		<b>96</b>	<b>31,054</b>	
*Includes NGL .....				

## NEUTRAL ZONE

<b>SAUDI ARAMCO</b>				
• Hout, 1969 .....	4,900-8,800			33.0
• Khafji, 1961 .....	4,400-7,300			28.2
<b>KOC</b>				
Humma, 1998 .....	—	761	540,000	32.0
S. Fuwaris, 1963 .....	6,300			25.0
S. Umm Gudair, 1966 .....	8,900			24.3
Wafra, 1953 .....	1,100-7,000			18.9-23.5
<b>Total Neutral Zone.....</b>		<b>761</b>	<b>540,000</b>	

## NEW ZEALAND

<b>AWE</b>				
• Amokura .....	—	—	—	—
• Tui, 2003 .....	—	4	4,463	—
<b>GREYMOUTH PETROLEUM</b>				
Kaimiro/Moturoa, 1982 .....	11,900	7		42.0
Ngatoro-Goldie, 1992 .....	—	5	553	35.0
Kowhai (c) .....	—	—	332	—
Radnor .....	—	—	—	—
Surrey .....	—	—	36	—
<b>OMV</b>				
Maari-Manala .....	—	—	9,775	—
<b>ORIGIN ENERGY</b>				
Kupe .....	—	—	4,460	—
Rimu-Kauri, 1999 .....	—	—	447	—
Stratford .....	—	—	—	—
Turangi .....	—	—	860	—
Tariki/Ahuroa, 1986 .....	—	—	5	—
Waihapa, 1988 .....	—	—	0	—
<b>SHELL/TODD</b>				
• Kapuni (c), 1959 .....	11,700	11	951	54.0
• Maui, 1969 .....	11,000	18	3,515	51.0
<b>SHELL</b>				
Pohokura, 2000 .....	—	2	11,247	—
<b>TAG OIL</b>				
Cheal .....	—	6	1,014	—
<b>TODD TARANAKI LTD.</b>				
Mangahewa .....	—	—	951	—
McKee, 1980 .....	7,848-8,251	22	359	38.5
<b>Total New Zealand* .....</b>		<b>75</b>	<b>38,967</b>	
*Includes naphtha and NGL.				

## NIGER

<b>CNPC</b>				
All fields .....	—	—	—	—
<b>Total Niger.....</b>		—	—	

## NIGERIA

<b>ADDAX PETROLEUM</b>				
• Adanga South .....	—	13		—
• Adanga, 1980 .....	8,500	14		31.9
• Akam, 1980 .....	6,700	1		34.0
• Bogi, 1989 .....	7,500	1		28.7
• Ebe .....	—	—		—
• Ebne .....	—	—		—
• Ebughu East .....	—	6		—
• Ebughu Northeast .....	—	3		—
• Ebughu South .....	—	2		—
• Ebughu, 1983 .....	7,250	9		23.8
• Inagha .....	—	1	78,900	—
• Izombe, 1974 .....	8,000	7		34.3
• Mimbo, 1984 .....	7,500	2		31.1

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
NDA .....	—	3		—
• North Horst .....	—	—		—
• North Oron .....	—	6		—
• Okwori .....	—	10		—
• Oron West .....	—	13		—
• Ossu, 1974 .....	8,000	13		31.6
• Ukpam, 1989 .....	5,500	0		40.6
<b>CHEVRON</b>				
Abiteye .....	5,750-9,400	8		39.7
Belema North .....	—	—		—
Benin River .....	—	9		—
• Delta .....	7,100-10,179	16		37.3
• Delta South .....	5,600-9,500	14		38.4
• Dibi .....	—	19		—
• Ewan .....	—	12		—
• Funiwa .....	8,000	12		—
• Gbokoda .....	—	20		—
• Idama .....	8,100-11,250	3		33.4
• Inda .....	7,250-11,030	5		44.8
• Isan .....	5,900-9,000	1		40.4
• Jisiske .....	6,300-7,600	5		41.1
• Jokka .....	9,280-9,880	1		22.7
• Kito .....	4,842-8,347	1	242,052	31.1
• Makaraba .....	—	15		—
• Malu .....	4800-6,300	8		40.4
• Mefa .....	8,570-12,030	8		38.1
• Meji .....	5,200-10,900	33		31.9
• Mejo .....	—	4		—
• Meren .....	5,000-7,500	51		31.9
• Middleton .....	—	2		—
• Mina .....	6,700-9,300	2		40.3
• North Apoi .....	8,500	9		—
• Okan .....	5,500-9,245	58		38.1
• Okubie .....	—	1		—
• Opolo .....	—	2		—
• Opuekeba .....	—	5		—
• Parabe/Eko .....	4,500-8,200	16		40.4
• Pennington .....	11,000	1		—
• Robertkiri .....	11484-13,190	5		40.2
• Tapa .....	8,150-10,842	2		39.5
• Utonana .....	7,400-9,165	4		20.4
• West Isan .....	7,825-10,229	4		40.4
<b>EXXONMOBIL</b>				
• Adua, 1967 .....	6,970	7		34.8
• Asabo, 1966 .....	5,600	4		34.6
• Asasa, 1981 .....	14,961	14		39.8
• Ata, 1964 .....	8,823	1		—
• Awawa .....	—	4		—
• Bonga North/Northwest .....	—	—		—
• Edop, 1988 .....	9,215	24		37.4
• Ekpe, 1966 .....	8,200	2		34.9
• Ekpe-WW, 1977 .....	6,810	—		31.9
• Eku, 1966 .....	5,420	1		30.4
• Enang WE .....	—	—		—
• Enang, 1968 .....	6,600	9		37.4
• Erha/Erha North, 1999 .....	3,900	30		—
• Etim, 1968 .....	6,200	13		37.1
• Idoho North .....	—	1	538,308	—
• Idoho, 1966 .....	9,020	3		30.5
• Inanga, 1994 .....	13,275	2		37.6
• Inim, 1966 .....	5,850	6		37.5
• Isobo, 1968 .....	7,345	5		30.4
• Iyak SE, 1979 .....	7,441	—		38.6
• Iyak, 1981 .....	11,326	8		37.6
• Mfem, 1968 .....	5,200	5		36.1
• Oso, 1967 .....	10,226	9		43.0
• Ubit, 1968 .....	5,400	47		36.1
• Unam, 1967 .....	5,180	17		33.3
• Usari, 1965 .....	8,431	22		—
• Utue, 1966 .....	5,700	2		36.8
• Yoho .....	—	13		—
• Zafiro, 1995 .....	—	—		—
<b>NIGERIAN AGIP OIL CO.</b>				
• Abo .....	2,640	—		—
• Agbara, 1981 .....	7,570-13,000	6		38.2
• Afug .....	—	2		—

# WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Agwe, 1971	10,700-11,900	2	55.9		Ekulama, 1958	10,483			31.6
Akri, 1967	10,000-12,000	9	42.2		Elelenwa, 1960	11,000			35.8
Alinso	—	1	—		Eriemu	—			—
Ashaka, 1968	11,600-13,400	0	42.1		Escravos Beach, 1969	8,176			31.2
Azuzuama, 1978	14,400-15,100	2	37.5		Etelebou, 1971	12,000	1,000	563,070	31.3
• Beniboye, 1978	7,800-11,600	3	27.6		Evwreni	—			—
Beniku	—	1	—		Forcados Yorki, 1968	10,859			24.4
Clough Creek, 1976	9,400-13,000	7	31.6		Imo River, 1959	7,900			30.3
Ebegoro South, 1975	14,270-14,410	0	51.0		Jones Creek, 1967	80,000			29.7
Ebegoro, 1975	11,400-14,200	5	34.2		Kalaekule, 1972	9,236			40.5
Ebocha, 1965	9,600-12,600	15	30.2		Kolo Creek, 1971	12,000			39.1
Idu	—	9	—		Nembe Creek East	—			—
Irri	—	5	—		Nembe Creek, 1973	12,213			31.0
Isoko South	—	4	—		Nkali	—			—
Kwale East	—	0	—		Nun-River, 1960	14,200			32.7
Kwale, 1967	8,200-14,100	10	38.0		Obea	—			—
M'Bede, 1965	6,900-13,200	21	41.5		Obele	—			—
Nimbre South	—	3	—		Oben, 1972	12,036			37.6
Obama, 1964	12,000-16,400	12	29.1	101,337	Obigbo North, 1963	8,250			23.2
Obiafu, 1967	10,800-14,000	36	41.5		Odeama Creek, 1981	12,897			35.5
Obrikom, 1967	11,400-14,200	8	41.6		• Odidi, 1967	10,980			36.2
Odugri, 1972	9,500-12,500	1	39.0		• Ogini	—			—
Ogbainbiri, 1989	9,700-16,500	11	26.5		Oguta, 1965	10,300			43.2
Ogbogene West, 1981	13,130	0	48.0		• Olomoro, 1963	8,500			21.5
Ogbogene, 1972	11,300-12,800	1	30.6		Opkushi North	—			—
Okpai, 1968	10,900-12,900	5	43.4		Opomoyo	—			—
Oleh	—	1	—		Opukushi, 1962	7,823			28.3
Omoku West, 1974	12,800-13,900	0	35.3		Oroni	—			—
Oshi, 1972	11,500-14,400	12	33.4		Orubiri	—			—
Osimam Creek	—	4	—		Otamini	—			—
• Oyo	—	2	—		Otumara, 1969	8,176			24.9
Pirigbene, 1987	13,600-15,800	1	31.6		Ovhor	—			—
Prigbene SE	—	1	—		Oweh	—			—
Samabiri East	—	8	—		Saghara	—			—
Taylor Creek, 1985	13,130	2	38.0		Sapele, 1969	12,788			42.9
Tebidaba, 1972	8,200-14,500	7	28.0		Soku N., 2000	—			—
Umuoru, 1971	11,900-14,100	2	30.1		Soku, 1958	11,500			27.7
<b>NPDC</b>					Tunu	—			—
Abura	—	2	—		Ubie	—			—
• Okono/Okpoho	—	4	79,848		Ugada	—			—
Oredo	—	1	—		Ughelli East, 1959	—			—
Oziengbe South	—	0	—		Ughelli West	—			—
<b>PAN OCEAN</b>					Umuchem	—			—
Adolo	—	5	—		Utorogo	—			—
Asaboro South	—	1	—		Uzere East	—			—
Ogharefe, 1973	9,900	1	4,812	46.6	Uzere West	—			—
Ologbo	—	3	—		Zara	—			—
Ona	—	0	—		<b>TOTAL SA</b>				
Ossiomo	—	2	—		• Afia, 1982	3,780	10		25.6
<b>SHELL</b>					Aghigo, 1972	7,303	—		22.5
Abura	—	—	—		• Akpo (c)	3,609-5,577	22		—
Adibawa NE	—	—	—		• Amenamkpono, 1990	11,480	19		43.7-47.0
Adibawa, 1966	11,950	—	26.4		• Edikan, 1989	4,980	8		28.6
Afam	—	—	—		Erema, 1972	11,211	1		33.6
Afisere, 1966	8,500	—	19.6		Ibewa	—	6		—
Afremo, 1972	9,263	—	36.8		Ibewa (c)	—	8	265,378	—
Agbada, 1960	10,000	—	23.9		• Ime, 1988	4,450	7		28.4
Ahia	—	—	—		Obagi deep	—	2		—
Akaso, 1979	13,122	—	37.1		Obagi, 1964	8,377	55		23.4
Alakiri	—	—	—		Obodo-Jatumi, 1966	7,656	0		34.6
Amukpe	—	—	—		• Odudu, 1977	4,930	4		35.8
Awoba NW	—	—	—		Ofon	—	20		—
Awoba, 1981	—	—	—		Okpoko, 1967	6,745	0		21.7
Batan	—	—	—		Olo, 1988	8,130	1		37.0
Belema	—	—	—		Upomami, 1965	6,256	0		19.0
Benisede, 1973	8,941	—	21.9		<b>STAR DEEP</b>				
Bonga	8,200	—	—		• Agbami	4,528	—	226,779	45.0
Bonga SW, 2001	—	—	—		<b>STERLING (SEPCO)</b>				
Bonny	—	—	—		OPL 280 Block	—	—	3,397	—
Bonny North	—	—	—		<b>PSA</b>				
Cawthorne Chan, 1963	11,000	—	36.9		All fields	—	—	78,554	—
Diebu Creek	—	—	—		<b>OTHER</b>				
EA, 1965	—	—	—		All fields	—	—	91,636	—
Egbema	—	—	—		• Usan, 2002	2,461-2,789	—	—	—
Egbema West	—	—	—		<b>Total Nigeria</b>		<b>2,110</b>	<b>2,274,071</b>	
Egwa, 1967	9,350	—	34.1						

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>NORWAY</b>				
<b>BG</b>				
• Gaupe .....	—	—	1,990	—
<b>BP</b>				
• Hod, 1974 .....	8,860	5	767	34.0
• Tambar Ost, 1997 .....	13,510	—	0	—
• Tambar, 1982 .....	13,510	8	3,887	44.6
• Ula, 1976 .....	11,800	40	9,119	35.0
• Valhall, 1978 .....	8,200	3	16,610	42.0
<b>CNR INTERNATIONAL (UK) LTD.</b>				
• Murchison <sup>1</sup> , 1975 .....	9,900	—	752	38.0
<b>CONOCOPHILLIPS</b>				
• Ekofisk, 1971 .....	10,000	93	130,535	41.1
• Eldfisk, 1979 .....	9,350-10,000	45	45,579	41.1
• Embla, 1988 .....	13,800	6	2,076	42.0
• Tor, 1978 .....	10,000	11	3,850	38.0
<b>DONG E&amp;P</b>				
• Oselvar, 1991 .....	—	—	2,609	—
• Trym .....	—	—	6,439	—
<b>ENI</b>				
• Marulk .....	—	—	854	—
<b>ESSO E&amp;P NORWAY</b>				
• Balder, 1967 .....	—	—	32,005	—
• Jotun, 1994 .....	—	—	2,994	—
• Ringhorne Ost, 2003 .....	—	—	15,892	—
• Sigyn (c), 1982 .....	—	—	3,514	—
<b>GDF SUEZ</b>				
• Gjoa .....	—	—	49,571	—
<b>MARATHON PETROLEUM NORGE</b>				
• Alvhheim, 1998 .....	—	—	69,159	—
• Volund, 1994 .....	—	3	34,396	—
<b>NORSK SHELL</b>				
• Draugen, 1984 .....	—	7	34,886	—
• Orman Lange (c), 1997 .....	—	—	22,011	—
<b>STATOIL</b>				
• Alve, 1990 .....	—	2	4,195	—
• Asgard, 1981 .....	—	34	68,943	40.9
• Brage, 1980 .....	8,200	25	13,578	37.0
• Fram, 1992 .....	—	—	42,076	—
• Gimle, 2004 .....	—	—	2,488	—
• Glitne, 1995 .....	—	7	1,745	—
• Grane, 1991 .....	—	—	122,495	—
• Gullfaks Sor, 1978 .....	—	—	32,433	—
• Gullfaks, 1978 .....	—	123	43,720	—
• Gungne (c), 1982 .....	8,600	3	829	32.5-35.0
• Heidrun, 1985 .....	7,000	29	54,812	27.1
• Heimdal (c), 1972 .....	6,950	4	—	—
• Huldra (c), 1982 .....	—	6	1,366	—
• Kristin (c), 1997 .....	—	—	19,632	—
• Kvitebjorn (c), 1994 .....	—	—	42,788	—
• Mikkil (c), 1987 .....	—	—	6,384	—
• Morvin .....	—	—	29,479	—
• Njord, 1986 .....	9,350	10	5,461	35.0
• Norne, 1992 .....	8,300	7	12,812	32.5
• Oseberg Ost, 1981 .....	—	8	7,842	37.0
• Oseberg Sor (includes Omega Nord), 1984 .....	—	9	36,138	37.0
• Oseberg, 1979 .....	8,200	46	57,049	37.0
• Skirne (c), 1990 .....	—	—	1,396	—
• Sleipner East (c), 1981 .....	10,800	8	1,159	57.5
• Sleipner West (c), 1972 .....	8,000	12	16,985	57.5
• Snohvit, 1984 (c) .....	—	—	9,707	—
• Snorre, 1979 .....	8,900	—	10,104	68.0
• Statfjord <sup>2</sup> , 1974 .....	9,800	102	27,120	38.2
• Statfjord Nord, 1977 .....	—	—	2,845	—
• Statfjord Ost, 1976 .....	—	—	7,957	—
• Sygna, 1996 .....	—	2	882	—
• Tordis, 1987 .....	9,000	32	3,839	68.0
• Troll, 1979 .....	—	92	0	27.5
• Troll II .....	—	—	122,357	—
• Tune (c), 1996 .....	—	—	716	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Tyrihans, 1983 .....	—	4	88,714	—
• Urd, 2000 .....	—	—	5,595	—
• Vale (c), 1991 .....	—	—	2,147	—
• Vega .....	—	—	14,792	—
• Vega Sor .....	—	—	0	—
• Veslefrikk, 1981 .....	10,100	14	12,864	37.0
• Vigdis, 1986 .....	8,800	—	32,081	68.0
• Vilje, 2003 .....	—	—	30,516	—
• Visund, 1986 .....	9,500	5	74,135	34.0
• Visund .....	—	—	852	—
• Volve, 1993 .....	—	—	10,142	—
• Yttergryta (c), 2007 .....	—	—	5	—
<b>TALISMAN ENERGY NORGE AS</b>				
• Blane, 1989 .....	—	—	926	—
• Gyda, 1981 .....	13,123	9	2,481	48.0
• Rev (c), 2001 .....	—	—	983	—
• Varg, 1984 .....	—	—	11,149	—
<b>TALISMAN NORTH SEA LTD</b>				
• Enoch .....	—	—	35	—
<b>TOTAL</b>				
• Alta .....	—	—	2,714	—
• Islay .....	—	—	29	—
<b>Total Norway</b> .....		<b>814</b>	<b>1,590,984</b>	
<sup>1</sup> Norway share (22.2%) of total production,				
<sup>2</sup> Norway share (85.5%) of total production.				

## OMAN

BP OMAN	—	200	—
CCED OIL			
Bushra	—	12,200	30.0-39.0
Mazoon	—		30.0-39.0
Shadi	—		30.0-39.0
DALEEL PETROLEUM LLC			
Daleel, 1989	4,950	36,400	30.0-39.0
DNO INTERNATIONAL			
• Bukha (c), 1979	11,000	5,700	60.0
• West Bukha	—		
OCCIDENTAL			
Mukhaizna	—	119,500	—
Al Barakah, 1992	5,000	81,500	37.8
Badr, 1996	5,770		30.0
Madiq, 1995	7,200		38.0
Rawdah, 1996	6,220		39.0
Safah, 1983	6,500		42.0
Salmah, 1995	6,500		38.0
Wadi Latham, 1993	5,000		40.0
PTTEP			
Shams (c)	—	3,000	—
Munhamir (c)	—		—
PETROLEUM DEVELOPMENT OMAN			
Al Burj, 1984	4,835		28.0
Al Dhabi, 1985	4,981		19.0
Al Ghubar, 1978	2,632		29.0
Al Huwaisah, 1969	5,890		39.0
Alam, 1987	4,776		33.0
Amal, 1972	3,741		19.0
Amal South, 1982	4,402		30.0
Amin, 1975	4,416		20.0
Anuq, 1995	5,269		19.0
Anzauz, 1984	6,030		46.5
Aseel, 1987	4,112		
Bahaa, 1993	3,714		
Bahja, 1984	4,746		47.2
Barik, 1978	12,472		47.4
Basma, 1991	4,542		20.0
Birba, 1978	6,657		32.0
Burhaan, 1984	7,379		34.0
Dhiab, 1985	4,181		26.5
Dhulaima, 1975	5,161		39.0
Fahud Northwest, 1964	2,499		32.0
Fahud Southeast, 1963	2,499		32.0
Fahud West, 1965	—		34.0

# WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Fayyadh, 1983	5,053			27.0
Ghaba North, 1972	4,434			33.5
Ghanuq, 1990	3,600			27.0
Ghazarah, 1991	4,809			—
Ghufos, 1982	4,231			—
Habur, 1972	1,400			15.0
Haima, 1984	5,494			23.3
Hareer, 1995	11,911			—
Hasirah, 1981	5,189			48.8
Hawqa, 1989	8,602			—
Hazar, 1991	9,768			44.0
Ihsan, 1984	4,627			23.5
Irada, 1978	3,767			—
Jadeer, 1991	6,596			20.0
Jalmud, 1979	3,692			24.0
Jalmud North, 1980	3,418			19.0
Jawdah, 1984	3,553			28.5
Karim West, 1982	3,284			23.0
Katheer, 1997	4,260			—
Kaukab, 1983	6,262			31.0
Khaleel, 1996	6,457			—
Lekhwaier, 1974	4,430			37.5
Mabrouk, 1979	13,175			—
Maha, 1980	5,508			—
Maqtaa, 1991	7,362			44.0
Marmul, 1977	3,253	4,918		21.5
Marmul Northwest, 1992	1,900			20.0
Mawhoob, 1985	7,805			25.0
Musallim, 1971	8,077			27.0
Nafoorah, 1985	3,993			—
Natih, 1963	3,014			33.4
Natih West, 1966	8,509			—
Nimr, 1980	3,270			21.0
Qaharir, 1977	4,699			30.4
Qaharir East, 1978	4,936			25.5
Qaharir Southwest, 1995	8,807			—
Qarat Al Milh, 1987	6,914		658,700	29.0
Qarmous, 1993	4,883			—
Qarn Alam, 1972	905			—
Qata, 1979	5,338			28.0
Rahab, 1977	2,644			25.5
Rahab Southwest, 1981	2,644			—
Rajaa, 1988	4,030			25.0
Ramlat Rawl, 1987	9,498			50.0
Rasha, 1982	3,435			37.0
Reihan, 1986	5,046			21.3
Rima, 1979	3,409			33.0
Runib, 1979	3,786			21.1
Runib South, 1984	4,646			20.0
Sabr, 1980	4,682			—
Sadad, 1986	3,848			25.0
Saih Nihayda, 1972	8,714			39.6
Saih Nihaydah Southeast, 1972	7,375			39.0
Saih Rawl, 1971	10,136			39.0
Salwa, 1986	4,972			29.0
Sayyala, 1982	3,771			50.1
Shahin, 1981	4,750			21.0
Simsim, 1985	4,603			30.6
Suwaihat, 1982	5,632			37.5
Tannum, 1997	6,135			—
Thamoud, 1987	4,647			23.0
Thayfut, 1981	3,153			19.0
Thuleilat, 1986	2,455			25.5
Uqab, 1987	3,804			—
Wadi Haka, 1990	6,077			32.0
Wafra, 1983	5,663			38.8
Waha, 1992	5,238			—
Warad, 1985	4,394			—
Yibal, 1963	5,336			38.5
Zahra, 1986	6,412			32.0
Zareef, 1985	3,425			47.0
Zauliyah, 1981	7,362			44.3
Zumurrud, 1988	2,996			29.0
<b>PETROGAS</b>				
Ramlat, 1977	12,000			44.0
Sahmah, 1978	12,400		1,100	44.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Rija	10,170			44.0
Total Oman		4,918	918,300	
<b>PAKISTAN</b>				
<b>ENI</b>				
Badhar/Bhit (c), 1997	—	—	296	—
Kadanwari (c), 1989	13,104	—	29	—
<b>BHP</b>				
Zamzama (c), 1998	12,913	2	1,146	—
<b>BP</b>				
Ali	—	—	27	—
Ali Zaur	—	—	0	—
Baqar Deep	—	—	6	—
Bhatti/Nakurji (c), 1989	5,800	3	23	44.0
Bilal	—	—	—	—
Bilal North	—	—	0	—
Bukhari (c), 1985	5,800	2	—	53.0
Bukhari Deep	—	—	13	—
Buzdar	—	—	—	—
Dabhi North	6,395	3	—	—
Dabhi South	—	—	24	—
Duphri North	—	—	35	—
Duphri	—	—	47	—
Fateh Shah	—	—	—	—
Fateh Shah North	—	—	—	—
Gharo	—	—	290	—
Ghungro, 1988	4,620	5	178	42.0
Golarchi (c), 1984	6,200	1	1	51.1
Halipota	—	—	105	—
Jabo (c), 1986	7,230	2	665	59.0
Jagir, 1996	7,557	3	240	43.3
Jalal	—	—	34	—
Jhaberi South	—	—	0	—
Jogwani	—	—	28	—
Kakejani	—	—	0	—
Kamal North	—	—	998	—
Kato, 1989	7,850	1	0	58.9
Keyhole G.	6,700	—	—	—
Khaskheli, 1981	3,600	5	160	39.0
Khaskheli Downthrown	—	—	18	—
Khorewah (c), 1988	6,300	3	141	51.0
Khorewah, 1988	6,300	—	0	51.0
Laghari, 1983	2,500	3	102	42.0
Liari Deep	11,470	1	21	—
Liari, 1988	6,600	2	4	42.5
M. Ismail Deep	10,780	1	34	—
M. Ismail, 1991	7,760	1	2	44.5
Makhdumpur	—	—	183	—
Matli	—	—	1	—
Mazari South, 1985	4,803	7	313	—
Mazari, 1984	3,800	3	140	43.0
Mewa	—	—	0	—
Missri	—	—	181	—
Mohano	—	—	108	—
Muban	2,552	1	63	—
Mulaki	—	—	128	—
N. Akri, 1988	5,540	3	140	46.7
Naimat Basal	—	—	4	—
Paniro, 1988	7,400	1	269	27.4
Paniro Deep	—	—	109	—
Pir Apan	—	—	201	—
Rahim	—	—	—	—
Rajo	5,000	1	—	—
Rind, 1989	4,000	1	113	46.4
Sakhi Buzdar	—	—	275	—
Sakhi Deep, 1996	—	—	2	—
Sakhi South Deep	—	—	6	—
Sakhi, 1996	8,700	3	128	48.3
Shah Dino	—	—	—	—
Sonro	4,348	5	1,874	—
South Buzdar	—	—	—	—
South Buzdar Deep	11,250	1	122	—
South Mazari Deep, 1993	7,500	3	559	42.0
Tajedi, 1984	5,460	2	87	44.4
Tando G. Ali	—	—	30	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Tangri, 1995 .....	2,408	5	121	—
Tangri Deep .....	—	—	32	—
Turk, 1985 .....	6,150	4	17	37.8
Turk-deep (c) .....	6,750	2	70	40.7
Umerf. ....	—	—	8	—
Zaur .....	6,750	8	382	—
Zaur Deep .....	10,499	2	32	—
Zaur South .....	—	—	0	—
<b>DEWAN</b>				
Rodho .....	—	—	181	—
<b>HYCARBEX</b>				
Haseeb .....	—	—	1	—
<b>MGCL</b>				
Mari .....	—	—	1,015	—
<b>MOL</b>				
Hilini .....	—	—	643	—
Makori .....	—	—	973	—
Makori East .....	—	—	889	—
Mamekhel .....	—	—	1,173	—
Manzalai .....	—	—	3,954	—
Maramzai .....	—	—	1,361	—
<b>OCCIDENTAL OF PAKISTAN INC.</b>				
Bhangali, 1989 .....	12,650	1	—	32.9
Dhumal, 1984 .....	13,100	2	132	41.8
Naimat Basal .....	—	—	—	—
Ratana (c), 1988 .....	16,400	2	658	47.0
<b>OIL AND GAS DEVELOPMENT CO. LTD.</b>				
Baloch .....	—	—	—	—
Bhalsydan .....	—	—	—	—
Bobbi (c), 1988 .....	9,514	—	1,561	51.0
Chak-Naurang, 1986 .....	9,186	3	331	46.9
Chanda .....	—	—	3,601	—
Dhkhni (c), 1983 .....	15,092	2	1,196	57.4
Dhodak (c), 1977 .....	7,109	6	119	—
Fimkassar (c), 1989 .....	9,842	2	144	31.0
Gopang .....	—	—	439	—
Kal, 1995 .....	9,299	2	424	29.5
Kunar (c), 1987 .....	6,992	4	5,207	—
Lashari Centre/South, 1988 ..	7,382	2	619	40.4
Mela .....	—	—	4,161	—
Missan, 1998 .....	6,922	1	215	—
Missa-Kiswal, 1991 .....	7,382	4	215	40.6
Moonal North .....	—	—	70	—
Nashpa .....	—	—	12,360	—
Norai Jagir .....	—	—	5	—
Pakahki Northeast .....	—	—	369	—
Pasahki North, 1989 .....	7,323	1	633	42.5
Pasahki, 1989 .....	8,406	3	3,465	40.1
Qadirpur (c) .....	5,138	—	861	—
Rajian, 1994 .....	12,355	3	1,664	23.0
Sadkal (c), 1992 .....	14,764	3	34	—
Shekhan .....	—	—	73	—
Sono, 1988 .....	7,621	3	1,405	—
Tando Alam .....	8,202	3	867	—
Thora, 1987 .....	7,780	5	748	—
Toot, 1968 .....	14,764	4	272	39.4
Uch, 1955 .....	—	—	16	—
<b>OMV</b>				
Miano (c), 1993 .....	13,222	—	40	—
<b>PAKISTAN OILFIELDS LTD.</b>				
Balkassar, 1946 .....	9,398	9	407	26.0
Bela .....	—	—	4	—
Dhulian, 1936 .....	8,899	4	158	48.0
Khaur, 1915 .....	9,306	1	6	33.0
Meyal, 1968 .....	12,513	15	342	41.0
Minwal .....	7,150	1	41	—
Pariwali, 1994 .....	15,976	4	680	—
Pindori, 1991 .....	14,141	4	469	—
Turkwal .....	10,662	1	55	—
<b>PAKISTAN PETROLEUM LTD.</b>				
Adam .....	—	—	170	—
Adhi (c), 1978 .....	8,360-9,115	9	6,536	51.1

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Domial .....	—	—	128	—
Hala (c) .....	—	—	—	—
Kandhkot (c), 1959 .....	6,820	—	24	—
Mazarani, 1959 .....	—	3	28	—
Sui (c), 1952 .....	10,046	—	41	—
<b>PETRONAS</b>				
Saqib .....	—	—	48	—
<b>Total Pakistan .....</b>		<b>197</b>	<b>71,598</b>	

## PAPUA NEW GUINEA

### OIL SEARCH

Agogo, 1989 .....	7,600-9,600	7	—	44.0
Gobe Main, 1994 .....	8,732-9,870	5	1,065	43.8
Southeast Gobe, 1993 .....	7,710-8,915	8	2,120	44.5
Iagifu/Hedinia, 1986 .....	6,800-12,500	17	—	45.0
Moran - PDL 2, 1996 .....	9,140-15,001	—	—	42.0
Moran - PDL 5, 1996 .....	9,140-15,001	5	10,290	42.0
Moran - PDL 6, 1996 .....	9,140-15,001	—	—	42.0
NW Moran - PPL 219 .....	—	—	—	—
Kutubu .....	—	—	14,865	—
Southeast Mananda, 1991 ..	—	4	82	33.0
Condensate .....	—	—	307	—
<b>Total Papua New Guinea*</b>		<b>46</b>	<b>28,729</b>	
*Includes NGL .....				

## PERU

### BPZ

Lote Z-1 (Block) .....				
• Corvina .....	—	—	3,338	—

### GMP SA

Lote I (Block), 1869 .....	2,000-9,000			33.0
Aeropuerto .....				
Bellavista .....				
Huaco .....				
Medano .....				
Milla Vi .....				
Monte .....				
Negritos .....				
Pozo .....		156	1,253	
Pozo Viejo .....				
Seccion 16 .....				
Tablazo .....				
Tunel .....				
Verdun Alto .....				
Lote V (Block), 1869 .....	2,000-9,000			35.0
Calamar .....				
Condor .....		36	150	
Laguna .....				
Organos Norte .....				
Patria .....				

### MAPLE GAS

Lote 31 B-D (Block) .....				
Agua Caliente, 1939 .....	1,000-15,000		330	40.0
Maquia, 1957 .....	2,100-2,400	47		37.0
Lote 31-E (Block) .....				
Pacaya .....	—	—	92	—

### INTEROIL

Lote III (Block), 1869 .....	2,000-9,000			33.9
Boca .....				
La Brea .....				
Mirador .....		184	2,240	
Portachuelo .....				
Portachuelo Oeste .....				
Lote IV (Block), 1869 .....	2,000-9,000			34.0
Alvarez .....				
Bodega .....				
Bronco .....				
Chimenea .....				
Corral .....		236	772	
Fondo .....				
Jabonillal .....				
Leones .....				



## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Oveja .....	—			—
Verdun Alto .....	—			—
<b>OLYMPIC</b>				
Lote XIII (Block) .....				
La Isla .....	—	7	3,343	—
<b>PETROBRAS</b>				
Lote X (Block) .....				
Ballena, 1924 .....	3,500-5,000			33.0
Carrizo, 1953 .....	1,000-6,500			34.0
Central, 1925 .....	2,000-7,000			34.0
Coyonitas, 1956 .....	3,000-7,500			30.0
La Tuna, 1953 .....	3,000-7,000			31.0
Laguna, 1967 .....	1,500-8,500			30.0
Merina, 1954 .....	3,000-7,500			30.0
Organos Norte, 1950 .....	2,000-8,000	2,502	14,148	36.0
Organos Sur, 1947 .....	2,000-7,500			38.0
Patria, 1950 .....	2,000-7,500			37.0
Pena Negra, 1914 .....	3,000-5,000			35.0
Reventones, 1910 .....	2,000-7,500			32.0
Somatito, 1958 .....	2,500-8,500			30.0
Taiman, 1922 .....	3,000-7,500			35.0
Tunal, 1960 .....	3,000-6,200			22.0
Verde, 1954 .....	3,000-9,000			34.0
Zapotal, 1953 .....	3,000-8,000			29.0
<b>PETROLERA MOTERRICO</b>				
Lote II (Block), 1869 .....	2,000-9,000			20.0
Coyonitas .....		136	450	
Golondrina .....				
Hualtaca .....				
Ronchudo .....				
Lote XV (Block), 1869 .....	—			—
Lobitos .....		3	127	
Paloma .....				
Lote XX (Block) .....	—			—
Carpitas .....				
Zorritos .....		10	35	
<b>SAVIA</b>				
Lote Z-2B (Block) .....				
• Litoral, 1955 .....	1,500-6,000			36.0-40.0
• Lobitos, 1960 .....	3,500-7,500			38.0
• Organos .....		654	11,763	—
• Pena Negra, 1960 .....	3,000-8,500			38.0
• Providencia, 1967 .....	3,000-7,000			38.0-40.0
• San Pedro .....	—			—
Lote Z-6 (Block) .....	—	—	0	—
<b>PLUSPETROL PERU</b>				
Lote 8 (Block) .....				
Chambira, 1994 .....	12,600-14,600			26.5
Corrientes, 1974 .....	10,000-12,600	67	9,678	24.9
Pavayacu, 1978 .....	9,600-11,300			36.0
Yanayacu, 1977 .....	11,400-13,600			18.8
Lote 1AB (Block) .....	—			—
Capahuari Norte .....				
Capahuari Sur .....				
Carmen .....				
Dorissa .....				
Forestal .....				
Huayuri Norte .....		122	15,373	
Huayuri Sur .....				
Jibarito .....				
Jibaro .....				
San Jacinto .....				
Shiviyacu .....				
Shiviyacu NE .....				
<b>SAPET DEVELOPMENT</b>				
Lote VI (Block), 1869 .....	500-9,800			33.0-36.0
Alvarez .....				
Alvarez Oveja .....				
Bonanza .....				
Bronco .....				
Corral Quemado .....				
Chivo .....				
Cobra .....				
Cruz .....				
Cuenca .....				

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Folche .....				
Honda .....				
Jabonillal Nuevo .....				
Jabonillal .....				
Leones .....				
Lobitos .....				
Lobo .....				
Lobo I .....				
Lobo II .....				
Malacas .....				
Media .....				
Millon .....				
Pozos-Oxy .....				
Puerto Rico .....				
Rio Bravo .....				
Santos .....				
Siches .....				
Zapote .....				
Lote VII (Block), 1869 .....	500-9,800	791	3,344	33.0-36.0
Ancha .....				
Anexo .....				
Centinela .....				
Colina .....				
Inca .....				
Lagunitos .....				
Llano .....				
Lomitos .....				
Negritos .....				
Overales .....				
Playa .....				
Ramon .....				
Rio Verde .....				
San Juan .....				
San Pedro .....				
Sandino .....				
Siete Vientos .....				
Silla .....				
Verdun .....				
Verdun Alto .....				
Vichayo .....				
Yeso .....				
<b>UNIPETRO ABC</b>				
Lote IX (Block), 1869 .....	2,000-9,000			32.0
Algarroba .....				
Batanes .....				
Cuesta .....		84	219	
Leones .....				
<b>Total Peru .....</b>		<b>5,035</b>	<b>66,655</b>	

## PHILIPPINES

<b>OTTO ENERGY</b>				
• Galoc .....	950-1,300	2	4,932	35.0
<b>PHILODRILL</b>				
• Matinloc, 1978 .....	6,656-6,750	2	193	43.8
• Nido, 1977 .....	6,576-6,885	4	204	27.2
• North Matinloc, 1987 .....	6,830-7,021	—	29	43.2
<b>PITKIN PETROLEUM</b>				
• Octon, 1991 .....	—	—	—	—
<b>SHELL PHILIPPINES</b>				
• Malampaya (c), 1992 .....	9,842	5	7,742	51.0
<b>Total Philippines .....</b>		<b>13</b>	<b>13,100</b>	

## POLAND

<b>LOTUS PETROBALTIC</b>				
• B-3, 1981 .....	4,900	12	3,815	42.0
• B-8, 1983 .....	6,500	0	0	44.0
• B-34, 1982 .....	4,300	0	0	45.6
<b>POLISH OIL AND GAS CO.</b>				
Barnowko/Mostno/Buszewo .....	—	—	7,493	—
Brzozowka, 1990 .....	7,869	4		32.6
Buk, 1974 .....	8,540	2		40.6
Debno, 1994 .....	—	21		45.4
Grabownica, 1896 .....	980-3,840	82		45.4

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Grobla, 1962.....	2,460	20	2,498	44.3
Jeniniec, 1986.....	9,580	2		36.2
Kamien Pomorski, 1972.....	7,360	3		34.0
Kije, 1976.....	6,540	1		39.2
Kosarzyn, 1991.....	5,650	3		37.0
Nosowka, 1988.....	10,870	2		29.3
Osobnica, 1953.....	1,310-2,230	71		36.2
Plawowice, 1962.....	1,970	14		35.9
Wankowa, 1848.....	490-2,030	225		36.9
Weglowka, 1890.....	980-3,770	46		34.6
Wysoka Kamieniska, 1979...	9,690	3		30.7
Zielin, 1992.....	10,421	1		32.6
<b>Total Poland.....</b>		<b>512</b>	<b>13,806</b>	

## QATAR

### QATARGAS OPERATING

North (c).....	—	—	660,800	—
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### BUNDUQ COMPANY LTD.

• El-Bunduq, 1965.....	—	—	—
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### MAERSK

• Al-Shaheen, 1994.....	3,000-4,000	42	30.6
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### OCCIDENTAL

• Al-Rayyan, 1976.....	4,700	12	24.0
• Idd El Shargi North Dome, 1960	4,400-8,000	55	31.0
• Idd El Shargi South Dome, 1961	4,400-8,000	3	29.0

### QATAR PETROLEUM

• Bul Hanine, 1970.....	6,000	51	80,000	35.0
Dukhan, 1940.....	6,500	300		40.0
• Maydan Mahzem, 1963.....	7,000	40		38.0

### QATAR PETROLEUM DEVELOPMENT

• Al-Karkara.....	—	—	—
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### TOTAL SA

• Al-Khalij, 1991.....	4,000	10	27.5
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<b>Total Qatar.....</b>		<b>513</b>	<b>740,800</b>	
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## RAS AL KHAIMAH

### RAS AL KHAIMAH GAS COMMISSION

• Saleh, 1983.....	14,500	7	800	50.0
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<b>Total Ras Al Khaimah .....</b>		<b>7</b>	<b>800</b>	
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## ROMANIA

<b>PETROM SA</b>	—	<b>6,000</b>	<b>82,400</b>	—
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<b>Total Romania.....</b>		<b>6,000</b>	<b>82,400</b>	
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## RUSSIA

### BASHNEFT

Republic of Bashkortostan:				
Arlanskoye .....	—	}	291,796	—
Chetyrmanskoye .....	—			
Tuimazinskoye .....	—			
Yugomashevskoye .....	—			
Khanty-Mansi				
Autonomous District:				
Kirskoye .....	—	}	7,967	—
Kottynskoye .....	—			
Lyukpayskoye .....	—			
Permyakovskoye .....	—			
Pecherinskoye .....	—	}	15,656	—
Orenburg Region:				
Kitayamsko-Blagodarovskiy	—			
Dachno-Relinskiy .....	—			
Republic of Tatarstan:				
Tuimazinskoye .....	—		3,984	—

### GAZPROM - OOO GAZPROM DOBYCHA

Astrakhanskoye (c).....	—	313,905	—	—
Bovanenkovskoye.....	—			—
Medvezhye.....	—			—
Orenburgskoye.....	—			—
Pestsovoye.....	—			—
Ubiyeinoye.....	—			—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity		
Urengoyskoye .....	—	7,296	628,407	—		
Yamburgskoye .....	—			—		
Yamsoveiskoye .....	—			—		
Yen-Yakhinskoye .....	—			—		
Zapadno-Astrakhanskoye (c)	—			—		
Zapadno-Tarkosalynskoye ..	—			—		
Zapolyarnoye .....	—			—		
GAZPROM - ZAO PURGAZ						
Gubkinskoye. ....	—					
GAZPROM - OAO SEVERNEFTEGAZPROM						
Uzhno-Russkoye .....	—			—		
GAZPROM NEFT						
Baleyskoye .....	—	7,296	628,407	—		
Filatovskoe .....	—			—		
Kapitonovskoe .....	—			—		
Messoyakha, 1980 .....	—			—		
Muravienkovskoye .....	—			—		
Novoportovskoye .....	—			—		
Orenburg OGC .....	—			—		
Orenburgskoe .....	—			—		
Priobskoye .....	—			—		
Sporyshevskoye .....	—			—		
Sugmutskoye .....	—			—		
Sutorminskoye/Severo-	—			—		
Karamovskoye .....	—			—		
Tsarichanskoe .....	—			—		
Vyngapurovskoye .....	—	—				
RUSSNEFT-OAO VARIOGANNEFT						
Zapadno-Varioganskoye ....	—	—	276,459	—		
JSC SLAVNEFT						
Khanty-Mansi Autonomous Area - Yugra						
Krasnoyarsk region .....	—	—	356,728	—		
ROSNEFT						
ROSNEFT-TOMSKNEFT						
Nizhnevartovskoye .....	—	17,431	2,504,864	—		
Strezhevskoye .....	—			—		
Chkalovskoye .....	—			—		
Olenye. ....	—			—		
Sovetskoye.....	—			—		
ROSNEFT-PURNEFTEGAZ						
Komsomolskoye .....	—			—		
Kharampurskoye .....	—			—		
Tarasovskoye .....	—			—		
Barsukovskoye .....	—			—		
ROSNEFT-YUGANSKNEFTEGAZ						
Priobskoye .....	—			—		
Prirazlomnoye .....	—			—		
Mamontovskoye .....	—			—		
Malobalykskoye .....	—			—		
ROSNEFT-SEVERNAYA NEFT						
Baganskoye .....	—			—		
South Baganskoye .....	—			—		
North Baganskoye .....	—			—		
Nyadeiyuskoye .....	—			—		
Khasyreiskoye .....	—			—		
Cherpayuskoye .....	—			17,431	2,504,864	—
ROSNEFT-POLAR LIGHTS CO.						
Ardalinskoye .....	—	—	—			
East Kolvinskoye .....	—	—	—			
Oshkotynskoye .....	—	—	—			
West Oshkotynskoye .....	—	—	—			
Central Khoreiverskoye .....	—	—	—			
ROSNEFT-SAMARANEFTEGAZ						
Kiselevskoye .....	—	—	—			
South Butlerovskoye .....	—	—	—			
West Kommunarnoye .....	—	—	—			
Belozersko-Chubovskoye ...	—	—	—			
Ozerkinskoye .....	—	—	—			
South Neprikovskoye .....	—	—	—			
ROSNEFT-KRASNODARNEFTEGAZ						

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>ROSNEFT-GROZNEFTEGAZ</b>				
Chechen Republic .....	—			—
<b>ROSNEFT-DAGNEFT</b>				
Dimitrovskoye .....	—			—
Ozyornoye .....	—			—
<b>ROSNEFT-EAST SIBERIAN OIL AND GAS CO.</b>				
Yurubcheno-Tokhomskoye ..	—			—
<b>ROSNEFT-VERKHNECHONSKNEFTEGAZ</b>				
Verkhnechonskoye .....	—			—
<b>ROSNEFT-VANKORNEFT</b>				
Vankor .....	—			—
<b>ROSNEFT-UDMURTNEFT</b>				
<b>ROSNEFT-SAKHALINMORNEFTEGAZ</b>				
<b>ROSNEFT-SAKHALIN-1/EXXONMOBIL</b>				
Sakhalin-1 Chaivo .....	—		145,000	—
Sakhalin-1 Odoptu .....	—			—
<b>TNK - BP</b>				
Kammenoe .....	—			—
Kovykta (c) .....	—			—
Russkoe .....	—			—
Samotlor .....	—	21,229	1,452,606	—
Suzunskoe .....	—			—
Tagulskoe .....	—			—
Uvat .....	—			—
Verkhnechonsk .....	—			—
<b>OA O LUKOIL</b>				
Western Siberia:				
Kechimovskoye .....	—			—
Nivagalskoye .....	—			—
Urals .....	—			—
Volga .....	—			—
Timan-Pechora:				
Yuzhnaya Khylochuya .....	—	25,110	1,684,847	—
Komi Republic:				
Kyrtayelskoye .....	—			—
Pashshorskoye .....	—			—
Perevoznoye .....	—			—
<b>OJSC SURGUTNEFTEGAS</b>				
Bystrinskoye .....	—			—
Fedorovskoye .....	—			—
Konitlorskoye .....	—			—
Lyantorskoye .....	—			—
Severo-Labatyuganskoye ..	—			—
Talakanskoye .....	—	17,950	1,221,758	—
Vachimskoye .....	—			—
Yaunlorskoye .....	—			—
Yukyaunskoye .....	—			—
Zapadno-Surgutskoye .....	—			—
Others .....	—			—
<b>OA O TATNEFT:</b>				
Bavlinskoye .....	—			—
Bondyuzskoye .....	—			—
Novo-Elkhovskoye .....	—			—
Pervomaiskoye .....	—	19,752	524,237	—
Romashkinskoye .....	—			—
Sabanchinskoye .....	—			—
Others .....	—			—
<b>TOTAL</b>				
Kharyaga .....	—	—	57,500	—
<b>OA O NOVATEK</b>				
E. Tarkosalineskoye, 1971 ...	—	73		—
Khancheyskoye, 1990 .....	—	—		—
Samburgskoye .....	—	—		—
Urengoyeskoye .....	—	—	843,583	—
Yaro-Yakhinskoye .....	—	—		—
Yurkharovskoye, 1970 .....	—	—		—
<b>Total Russia .....</b>		<b>124,497</b>	<b>10,317,624</b>	

## SAUDI ARABIA

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>SAUDI ARAMCO</b>				
Abqaiq, 1940 .....	6,690			37.0
Abu Jifan, 1973 .....	—			32.0
• Abu-Safah, 1963 .....	6,600			30.0
Arabiya .....	—			—
Bakr, 1974 .....	—			—
• Berri, 1964 .....	8,300			32.0-34.0
Dammam, 1938 .....	4,800			35.0
• Dawl, 1980 .....	—			—
Dhib, 1979 .....	—			—
Dibdibah, 1975 .....	—			21.0
El Haba, 1973 .....	—			—
Fadhili, 1949 .....	8,050			39.0
Farhah .....	—			—
Faridah, 1979 .....	—			—
Ghawar, 1948 .....	6,920			34.0
Habari, 1960 .....	—			26.0
• Hamur, 1979 .....	—			—
• Harqus .....	—			—
• Hasbah, 1976 .....	—			—
Jaham, 1966 .....	—			25.0
Jaladi, 1978 .....	—			—
• Janah, 1967 .....	—			—
Jauf, 1983 .....	—			33.8
Jawb, 1979 .....	—	2,895	9,512,500	37.0
Juraybi'at, 1968 .....	—			27.0
• Jurayd, 1968 .....	—			—
• Karan, 1967 .....	—			—
• Kurayn, 1974 .....	—			—
• Lawhah, 1975 .....	—			31.0
Lughfah, 1979 .....	—			—
• Maharah, 1973 .....	—			—
• Manifa, 1957 .....	7,950			29.0
• Marjan, 1967 .....	6,800			33.0
Mazalij, 1971 .....	—			31.0
Midrikah .....	—			—
Nuayyim .....	—			—
• Qatif, 1945 .....	7,100			33.0-34.0
Qirdi, 1973 .....	—			38.0
• Ribyan, 1975 .....	—			27.0
Rimthan, 1974 .....	—			29.0
• Safaniyah, 1951 .....	5,100			27.0
Sahba .....	—			—
Samin, 1979 .....	—			—
Sanaman (c) .....	—			—
Sharar, 1976 .....	—			—
Shaybah, 1968 .....	4,650			42.5
Shedgum .....	—			—
Sirayyan .....	—			—
Suban, 1976 .....	—			—
Tinat, 1982 .....	—			—
Wa'riyah, 1978 .....	—			—
Watban, 1975 .....	—			—
• Zuluf, 1965 .....	5,800			32.0
<b>Total Saudi Arabia .....</b>		<b>2,895</b>	<b>9,512,500</b>	

## SERBIA

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>NIS/NAFTAGAS</b>				
Boka, 1956 .....	3,969-4,100	25		32.7
Coka, 1975 .....	4,888-5,046	9		44.3
Elemir, 1959 .....	5,002-5,376	29		32.7
Itebej, 1978 .....	6,973-7,327	5		26.4
Janosik, 1958 .....	2,148-3,293	1		24.2
Jermenovci, 1952 .....	2,919-3,148	56		24.2
Karadjordjevo, 1973 .....	8,308-8,846	6		26.4
Kelebija, 1970 .....	2,0691-2,788	12		21.2
Kikinda, 1960 .....	3,543-5,735	166		34.9
Kikinda-varos, 1963 .....	3,740-6,490	50	15,000	27.9
Lokve, 1953 .....	2,909-3,099	9		25.1
Morkrin, 1961 .....	6,232-7,216	105		35.1
Morkrin-jug, 1982 .....	6,658-6,740	16		41.1
Majdan, 1972 .....	7,708-7,790	14		37.4
Palic, 1968 .....	3,345-3,427	6		45.9
V. Greda-jug, 1981 .....	3,237-3,427	10		23.8
Velebit, 1965 .....	2,434-2,575	122		22.8

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Zrenjanin, 1974.....	6,829-6,986	5	—	25.0
<b>Total Serbia .....</b>		<b>646</b>	<b>15,000</b>	

## SHARJAH

BP				
Kahaif (c), 1992.....	10,200-12,300	7	50,400	50.0
Saja (c), 1980.....	10,200-12,300	38		50.0
Moveyid (c), 1980.....	10,200-12,300	4		50.0
SKY PETROLEUM				
• Mubarek, 1972.....	13,000-14,000	2		37.0
Total Sharjah.....		51	50,400	

## SLOVAKIA

All fields.....	—	—	—	—
<b>Total Slovakia.....</b>				

## SOUTH AFRICA

<b>PETRO SA</b>				
• F-A (c), 1980.....	2,725	9	14,000	51.0
• F-AH (c), 1986.....	2,380	2		51.0
• F-AR (c), 1985.....	2,670	1		51.0
• E-M (c), 1984.....	2,550	3		52.0
• E-H (c), 1986.....	2,380	1		52.0
• E-BF (c), 1989.....	2,525	1		52.0
• F-AD, 1985.....	2,700	1		52.0
• F-BE (c), 1998.....	2,090	1		52.0
• Oribi, 1990.....	7,700	1		42.0
• Oryx, 1988.....	7,800	2		42.0
• Sable, 1998.....	8,550	6		39.0
<b>Total South Africa.....</b>		<b>28</b>	<b>14,000</b>	

## SOUTH KOREA

<b>KOREA NATIONAL OIL CORP/WOODSIDE</b>				
• Donghae-1, 1998.....	—	3	700	—
<b>Total South Korea.....</b>		<b>3</b>	<b>700</b>	

## SOUTH SUDAN

GREATER NILE PET. OP. CO.				
Block 1:.....			33.0-35.1	
Unity, 1980.....	6,240-7,225	—		
Toma South, 1996.....	—	—		
Munga.....	—	—		
Other.....	—	—		
DPOC				
Block 3 and 7:.....			30,123	
Palogue, 2002.....	3,936-7,126	—		
Adar-Yale, 1981.....	—	—		
Other.....	—	—		
SPOC				
Block 5A:.....			22.0	
Mala, 2004.....	6,234	—		
Thar Jath, 2000.....	5,575	15		
Other.....				
All fields.....	—	—		
Total South Sudan.....		15	30,123	

## SPAIN

<b>LENI GAS &amp; OIL (CPS)</b>				
Ayoluengo, 1964.....	2-950-4,600	6	142	37.0
<b>REPSOL</b>				
• Alga, 1993.....	—	5	2,658	—
• Barracuda.....	—	—		—
• Boqueron, 1997.....	15,009	1		39.7
• Casablanca, 1975.....	8,900	5		31.6
• Chipiron, 2001.....	—	1		—
• Rodaballo, 1995.....	11,237	4		42.6
<b>Total Spain.....</b>		<b>22</b>	<b>2,800</b>	

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>SUDAN</b>				

### GREATER NILE PET. OP. CO.

Block 2:.....				
Bamboo.....	—	—	29.6-35.0	—
Greater Heglig, 1979.....	5,390-6,125	9		—
Other.....	—	—		—
Block 4:.....				
Diffra.....	—	—	82,337	—
Neem.....	—	—		—
Other.....	—	—		—

### PETRO ENERGY

Block 6:.....				
Fula.....	—	—	—	—
Hadida.....	—	—		—
Other.....	—	—		—

### STAR OIL

Al-Barasaya.....	—	—	—	—
Other.....	—	—		—
<b>Total Sudan.....</b>		<b>9</b>	<b>82,337</b>	

## SURINAME

<b>STAATSOLIE</b>				
Calcutta, 2003.....	888	1,474	16,274	18.0
Tambaredjo, 1981.....	1,170			15.9
Tambaredjo Northwest.....	—			—
<b>Total Suriname.....</b>		<b>1,474</b>	<b>16,274</b>	

## SYRIA

### DILJA PETROLEUM CO.

Khurbet East, 2007.....	6,560	7	14,800	25.0
Yousefieih, 2008.....	6,560	3	1,900	23.0-24.0

### AL FURAT PETROLEUM CO. (SHELL)

Al Izba, 1988.....	—	—	151,600	37.0
Al Ward, 1986.....	—	—		38.1
Galban, 1991.....	—	—		—
Jarnof/Saban.....	—	—		—
Maleh/Azraq, 1990.....	—	—		34.0
Omar/Omar North, 1987.....	—	—		41.5
Sijan, 1989.....	—	—		35.0
Tanak, 1987.....	—	—		36.5
Thayyem, 1983.....	—	—		36.5
Others.....	—	—		—

### AL-KHABUR PETROLEUM CO.

Kishma, 1997.....	—	—	151,600	—
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### DEIR EZ-ZOR PETROLEUM CO.

Al-Mazraa.....	—	—	—
Attala North, 1990.....	—	—	—
Jafra, 1994.....	—	—	—
Marad.....	—	—	—
Qahar, 1994.....	—	—	—
Tabiyeh.....	—	—	—

### INA

Jazal.....	—	1	—	—
Jihar.....	—	2		—
Mustadira (c).....	—	1		—

### SUNCOR-PETROCANADA

Elba (c).....	—	—	—	—
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### SYRIAN PETROLEUM CO.

Jebisseh, 1968.....	2,000-3,000	132	—	18.0
Suwaidiyah-Karatchok, 1959.....	—	—		24.0

### TANGANYIKA OIL

Oudeh.....	—	—	—	—
<b>Total Syria.....</b>		<b>146</b>	<b>168,300</b>	

## TAJIKISTAN

### TETHYS PETROLEUM

Beshtentak.....	6,496	—	33.0-35.0	—
E. Olimtoli.....	10,988-11,480	—		—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Khoja Sartex (c) .....	5,577	—	—	—
<b>OTHER</b>				
Ayritan, 1967 .....	4,101-4,708	—	35.5-36.5	—
Kanibadam, 1966 .....	9,777-10,308	—	32.0	—
Kanibadam N., 1970 .....	9,596	—	39.0	—
Karagachi-Tamchi, 1974 .....	8,054	—	200	33.0
Kim, 1908 .....	1,969-2,198	—	34.0-36.0	—
Madaniyat, 1978 .....	12,467-12,730	—	33.0	—
Nefteabad, 1933 .....	3,478	—	35.0	—
Niyazbek-Karakchikum, 1974 .....	12,303-12,795	—	33.0	—
Ravat, 1961 .....	10,335-11,647	—	29.0-41.0	—
<b>Total Tajikistan.....</b>		<b>0</b>	<b>200</b>	

## THAILAND

<b>BP</b>				
Neung & Sawng .....	—	—	251	—
<b>CHEVRON</b>				
• Baanpot (c), 1974 .....	7,000	35	2,344	60.0
• Benchamas 1995 .....	7,500	107	25,439	42.0
• Erawan (c), 1972 .....	7,000	135	9,025	55.9
• Funan (c), 1981 .....	6,100	—	—	57.3
• Jakrawan (c), 1981 .....	6,100	144	7,842	57.3
• West Jakrawan (c), 1981 .....	6,100	—	—	57.3
• Gomin (c), 1988 .....	7,300	14	3,453	57.3
• Kapong, 1976 .....	8,500	29	—	40.0
• Platong, 1976 .....	8,500	40	6,705	40.0
• West Platong .....	—	—	—	—
• North Pailin (c), 1990 .....	9,500	—	—	57.6
• Pailin (c), 1990 .....	9,500	131	11,861	57.6
• Plamuk 1996 .....	7,000	61	—	40.0
• Satun (c), 1980 .....	8,500	54	3,901	58.3
• South Satun (c) .....	8,000	20	138	57.6
• Surat, 1971 .....	6,800	27	—	40.0
• TanTawan, 1992 .....	6,000	66	3,748	42.0
• Trat (c), 1981 .....	7,500	18	1,422	57.3
• Yala 1999 .....	8,000	53	—	40.0
Other .....	—	—	28,281	—
<b>COASTAL ENERGY</b>				
• Songkhal .....	—	2	19,883	—
<b>HESS</b>				
Sin Phuorm (c) .....	—	3	435	56.0
<b>PEARL OIL</b>				
• Banyen .....	—	—	3,685	—
• Jusmin .....	—	50	10,408	36.5
<b>PTTEP</b>				
• Arthit (c) .....	—	94	10,548	—
• North Arthit (c) .....	—	—	—	—
• Bongkot (c), 1973 .....	7,000	145	27,359	56.0
Chaba .....	—	—	1,699	—
Sirikit, 1981 .....	5,500	313	28,423	41.0
Maliwan .....	—	36	—	—
<b>PAN ORIENT ENERGY (THAILAND) LTD.</b>				
Wichian Buri, 1988 .....	3,526	2	128	33.0
Na Sanun .....	—	2	1,375	—
Na Sanun East/Borang North .....	—	15	—	—
Srithep, 1990 .....	—	1	—	33.0
<b>SALAMANDER ENERGY</b>				
• Bualaung, 1992 .....	4,003	5	7,200	—
<b>SINO-US PETROLEUM</b>				
Bung Ya, 1984 .....	7,800	28	1,210	36.5
Bung Ya North .....	—	1	—	—
Bung Ya West .....	—	10	—	—
Bung Muang, 1987 .....	8,900	25	—	36.5
Bung Muang West .....	—	4	—	—
<b>OTHER</b>				
Fang .....	—	52	945	—
Arunothai .....	—	—	—	—
Bung Krathiam .....	—	—	—	—
Bung Muang South .....	—	—	—	—
Kampangsang .....	—	1	—	—
L33 .....	—	—	—	—

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
L53-A. ....	—	—	—	—
Lanta .....	—	—	—	—
Moragot (c) .....	—	—	20,908	—
Nong Phak Chi .....	—	—	—	—
Nong Sa .....	—	—	—	—
North Jarmjuree .....	—	—	—	—
North Kung .....	—	—	—	—
Pakarang .....	—	—	—	—
Pladang (c) .....	—	—	—	—
Rajpruek .....	—	—	—	—
Sungkajai .....	—	2	—	—
Utong .....	—	9	—	—
Yungthong .....	—	—	—	—
<b>Total Thailand.....</b>		<b>1,734</b>	<b>238,616</b>	

## TRINIDAD AND TOBAGO

<b>BAYFIELD ENERGY</b>				
• Galeota .....	6,304	27	1,722	26.3
<b>BG</b>				
• Heliconia .....	—	—	—	—
• Bouganvilla .....	—	—	1,201	—
• Poinsettia .....	—	2	—	—
<b>BGCB</b>				
—	—	—	1,014	—
<b>BHP</b>				
• Canteen .....	—	3	12,479	—
• Kairi .....	—	8	—	—
<b>BPTTLC</b>				
• Amherstia .....	—	12	—	50.1
• Banyan (c), 1995 .....	15,000	0	—	42.8
• Cassia (c), 1973 .....	12,700	4	—	50.1
• Flamboyant (c), 1993 .....	13,700	1	7,745	50.1
• Immortelle (c), 1993 .....	13,000	15	—	49.0
• Kapok .....	—	9	—	—
• Mahogany (c), 1998 .....	12,960	17	—	46.8
Savonette .....	—	4	—	—
<b>EOG RESOURCES</b>				
• Ibis, 1995 .....	15,000	2	—	36.2
• Kiskadee (c), 1993 .....	15,000	7	—	45.9
• Osprey (c), 2002 .....	—	3	2,276	44.4
• Parula, 2004 .....	—	3	—	—
• Pelican (c), 1990 .....	13,000-14,000	2	—	45.9
<b>MORA VEN</b>				
• Mora, 1986 .....	8,500	5	229	31.5
<b>NEAL &amp; MASSY ENERGY RESOURCES LTD.</b>				
Moruga West, 1957 .....	8,604	98	134	28.3
<b>NEW HORIZON JV</b>				
Parrylands .....	—	40	87	—
<b>PETROTRIN</b>				
Antilles Trinity, 1956 .....	9,700	11	—	29.4
Antilles Vessigny .....	5,916	3	—	16.4
Apex Quarry, 1938 .....	11,000	12	—	25.0
Balata East, 1952 .....	6,183	15	—	31.6
Barrackpore, 1911 .....	11,100	64	—	21.9
Beach, 1902 .....	7,787	13	—	40.4
Brighton Land, 1908 .....	7,500	0	—	31.3
Catshill, 1950 .....	9,693	18	—	31.6
Central Los Bajos, 1926 .....	11,147	140	—	13.5
Coora, 1936 .....	14,000	14	—	22.5
Cruse, 1913 .....	4,937	52	—	18.9
Fyzabad, 1920 .....	11,000	186	—	19.2
Goudron, 1902 .....	—	2	13,691	—
Guapo, 1963 .....	7,500	155	—	15.1
Guayaguayare, 1902 .....	10,750	8	—	40.4
Inniss, 1950 .....	9,693	3	—	29.9
Los Bajos, 1973 .....	11,147	5	—	19.2
Mackenzie, 1926 .....	12,718	23	—	22.3
Marcelle Valley, 1911 .....	7,215	11	—	40.4
Morne Diablo, 1936 .....	14,018	1	—	20.4
Moruga East, 1953 .....	9,693	8	—	31.9
Navette, 1959 .....	10,750	31	—	40.4
Oropouche, 1944 .....	9,100	21	—	30.3
Parrylands, 1913 .....	10,626	115	—	18.9

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Penal, 1936 .....	11,067	56		24.7
Point Fortin Central, 1907 ...	10,626	187		18.9
Point Fortin East, 1929 .....	8,589	57		22.3
Point Fortin West, 1907 .....	10,626	24		18.9
Quarry, 1938 .....	14,000	78		22.5
Quinam, 1936 .....	7,521	2		18.1
Siparia, 1957 .....	9,500	2		26.3
Wilson, 1936 .....	10,859	17		21.9
Lease operators .....	—	742		21.7
Farmout .....	—	264		26.6
<b>PETROTRIN (FO)</b>				
Oropouche .....	—	3	1,059	—
<b>PETROTRIN (LO)</b>				
Erin, 1926 .....	12,718	24		22.3
Forest Reserve, 1913 .....	11,000	322	5,685	20.8
Palo Seco, 1926 .....	12,700	448		22.3
<b>PETROTRIN (IPSC)</b>	—	—	365	—
<b>PRIMERA</b>				
Cory Moruga Blk. ....	—	2	408	—
<b>REPSOL</b>				
• Poui, 1974 .....	11,650			33.8
• Samaan, 1971 .....	11,780	165	11,961	36.0
• Teak, 1971 .....	15,191			34.8
<b>TED</b>				
Bonasse, 1997 .....	2,000	4	6	20.0
<b>TRINITY</b>				
• Brighton Marine, 1903 .....	9,934	—	546	32.4
<b>TRINMAR LTD.</b>				
• Fortin Offshore (FOS), 1954 .	—	4		29.6
• Soldado, 1955 .....	11,000	247	21,127	20.0
• Point Ligoure, 1937 .....	—	2		29.6
<b>Total Trinidad and Tobago..</b>		<b>3,823</b>	<b>81,735</b>	

## TUNISIA

<b>ENI</b>				
Adam/Hawa/Dalia/Nour/				
Janet, 2002 .....	—	6	6,914	—
Baraka .....	—	—	1,451	—
Djebel Grouz .....	—	—	490	—
El Borma, 1964 .....	8,250-8,900	88	8,041	41.5
Oued Zar, 1993 .....	10,900	2	4,271	40.0
Hammouda, 1998 .....	—	8	—	—
Maamoura .....	—	—	1,335	—
*ENI production figures include NGL.				
<b>ATHANOR</b>				
Sabira, 1979 .....	—	3	—	—
<b>WINSTAR</b>				
Chouech Essaida .....	—	6	—	—
Ech-Chouech .....	—	1	—	—
<b>BG</b>				
El Ain/Gremda, 1980 .....	8,700	2	42.0	
• Miskar (c), 1993 .....	11,150	10	52.8	
<b>CANDAX (ECUMED)</b>				
El Manzah, 1998 .....	2,627	2	53.0	
• El Biban, 1982 .....	7,242	2	39.0	
Robbana, 1988 .....	6,600-7,000	1	43.0	
<b>CTKP (KEPPEC-ETAP-CNPCI)</b>				
Sidi el Kilani, 1989 .....	9,200	7	39.6	
<b>ETAP</b>				
Mahares, 1982 .....	8,460-8,560	1	33.0	
			44,698	
<b>ETAP-ENI (SODEPS)</b>				
Debbeh, 1980 .....	7,550	1	42.8	
Laarich, 1979 .....	7,550	3	41.0	
Makrouga, 1980 .....	6,230	4	45.6	
<b>LUNDIN</b>				
• Oudna, 1978 .....	5,248	1	41.0	

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>LUNDIN/EGEP</b>				
Sidi El Itayem, 1971 .....	7,500-7,800	24		44.0
<b>MARETAP</b>				
Ezzaouia, 1986 .....	6,800	6		40.0
<b>OMV</b>				
• Ashtart, 1971 .....	10,500	29		29.6
Jenein Nord .....	—	—		—
Mona/Durra .....	—	—		—
<b>PA RESOURCES</b>				
Didon .....	—	—		—
Douleb/Semmama, 1966 .....	3,937	13		39.0
Tamesmida, 1967 .....	3,937	2		36.0
<b>PERENCO</b>				
Franig, 1981 .....	—	2		—
Baguel, 1983 .....	—	2		—
Tarfa, 1984 .....	—	1		—
<b>TPS</b>				
• Cercina, 1992 .....	4,920	8		29.0
El Hajeb/Guebiba, 1982 .....	7,050	6		29.0
Rhemoura, 1991 .....	8,850	1		33.0
<b>OTHER</b>				
Abir .....	—	—		—
Beni Khalled .....	—	—		—
Chargui .....	—	—		—
Chourouq .....	—	—		—
Mazrane .....	—	—		—
Nakhil .....	—	—		—
Robbana .....	—	—		—
Sanrhar .....	—	—		—
Zinnia .....	—	—		—
<b>Total Tunisia .....</b>		<b>242</b>	<b>67,200</b>	

## TURKEY

<b>NV TURKSE PERENCO</b>				
Barbes, 1972 .....	7,454			29.7
Barbes-Derin (c), 1984 .....	10,827			44.8
Baysu, 1985 .....	6,398			33.3
Bektas, 1985 .....	6,070			33.7
Beykan, 1964 .....	6,198			33.2
Katin, 1971 .....	8,566			29.5
Kayakoy, 1961 .....	6,834			38.2
B. Kayakoy, 1964 .....	6,188			34.7
Kurkan, 1963 .....	5,318	90		31.4
G. Kurkan, 1967 .....	6,417			34.7
Malatepe, 1970 .....	5,528			33.9
Piyanko, 1968 .....	8,304			35.3
Sahaban, 1966 .....	5,869			34.5
Sebyan, 1973 .....	6,644			33.7
Sincan, 1980 .....	5,200			31.1
D.Yatir, 1974 .....	5,128			30.9
D.Yenikoy, 1974 .....	6,516			31.3
Yesildere, 1986 .....	6,890			34.5
Yalalkoz .....	—			—
<b>ALADDIN MIDDLE EAST LTD.</b>				
East Hasancik, 2003 .....	—	—		12.2
Hasancik-South Hasancik, 1994	—	18		15.5-19.9
Nemrut, 2006 .....	4,588	—		18.0
Zeynel, 1990 .....	4,823	—		23.1
Bulgurdag, 1960 .....	5,050	5		38.0
Kahta, 1958 .....	3,412	6		11.0
Karakilise, 2003 .....	8,110	1		32.6
Molla, 1974 .....	6,901	2		29.0
S. Adiyaman, 2006 .....	4,536	1		18.8
<b>TRANSATLANTIC PET. CORP.</b>				
Selmo, 1964 .....	6,562	20		34.4
<b>TPAO</b>				
Adiyaman, 1971 .....	5,741			26.7
Akgün, 1998 .....	6,266			25.7
Akpınar, 1986 .....	10,663			31.0
Batı Raman, 1961 .....	4,265			13.0
Besikli, 1990 .....	6,234			25.6
Bozova, 1996 .....	7,936			24.0



## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Bati Firat, 1985 .....	8,432	1,195	44,299	35.2
Bati Kozluca, 1984 .....	4,970			12.4
Bati Selmo, 1981 .....	5,971			34.3
Camurlu, 1976 .....	4,757			11.7
Caylarbasi, 1993 .....	5,250			11.8
Celikli, 1963 .....	10,500			35.2
Cemberlitas, 1983 .....	10,499			31.0
Cendere (J.V.), 1989 .....	8,858			29.0
Degirmenkoy (c), 1994 .....	3,171			49.0
D. Besikli, 1991 .....	6,100			19.4
D. Silivanka, 1995 .....	8,136			21.4
Garzan, 1951 .....	4,757			24.0
G.Dincer, 1981 .....	5,335			15.5
G.Karakus, 1989 .....	7,776			26.5
G.Kayakoy, 1976 .....	8,596			30.4
G.Sahaban, 1978 .....	5,446			33.2
G.Saricak, 1973 .....	5,250			31.0
Hamitabat (c), 1970 .....	9,843			56.0
İkizce, 1991 .....	7,500			26.4
Karacali (c), 1995 .....	4,593			49.0
Karacaoglan (c), 1989 .....	11,099			49.0
Kumrular (c), 1970 .....	10,335			49.0
Umurca (c), 1984 .....	6,234			49.0
Karadut, 1992 .....	9,514			38.4
Karakus, 1988 .....	8,858			30.1
Kartaltepe, 1982 .....	6,562			32.0
Kastel (J.V.), 1990 .....	7,874			34.7
Karaali (J.V.), 1989 .....	9,941			24.6
K.Karakus, 1990 .....	8,497			29.0
K.Marmara (c), 1988 .....	4,101			55.6
K.Osmancik, 1971 .....	3,773			37.6
Kayayolu, 1999 .....	9,022			22.4
Lilan, 1997 .....	8,104			31.6
Magrip, 1961 .....	5,709			18.5
O.Sungurlu, 1991 .....	9,186			37.2
Oyuktas, 1972 .....	7,628			31.0
Raman, 1945 .....	4,462			18.0
Saricak, 1973 .....	5,250			31.5
Silivanka, 1962 .....	8,202			25.2
S.Sinan, 1987 .....	4,265			15.7
Tokaris, 1991 .....	7,907			24.1
Yanankoy, 1994 .....	5,741			14.0
Yenikoy, 1973 .....	6,890			33.1
Beyçayır, 1976 .....	7,774			26.1
Deveçatak, 1974 .....	4,756			37.0
Germik, 1958 .....	6,478			18.8
Kavakdere, 1995 .....	6,724			35.5
Turgutbey, 1987 .....	10,496			48.0
Yalankoz, 2000 .....	7,216			21.8
Yulafli(c), 2000 .....	6,232			49.0
<b>Total Turkey .....</b>		<b>1,338</b>	<b>44,299</b>	

## TURKMENISTAN

<b>ENI</b>				
Balkan Uzboy .....	—		662	
Burun .....	—	2,460	19,127	
ENI's production includes NGL.				
<b>DRAGON</b>				
• Dzheitune (Lam), 1967 .....	9,800-16,500	49	35.0-45.0	
• Dzhygalybeg (Zhdan), 1966 ..	9,800-16,501	6	35.0-45.1	
<b>OTHER</b>				
All fields .....	—	—	—	—
<b>Total Turkmenistan .....</b>		<b>2,515</b>	<b>221,100</b>	

## UGANDA

Jobi-Rii .....	—	—	—	—
Kasamene .....	—	—	—	—
Kingfisher .....	—	—	—	—
Mputa .....	—	—	0	—
Waraga .....	—	—	—	—
<b>Total Uganda .....</b>		<b>—</b>	<b>0</b>	

## UKRAINE

<b>NAFTAGAS:</b>				
<b>OJSC UKRNAFTA</b>				
Okhtyrka, 1961 .....	—	2,025	45,233	—
Chernihiv .....	—			—
Poltava .....	—			—
Boryslav .....	—			—
Nadvirna .....	—			—
Dolynsky, 1959 .....	—			—
Hlynsko-Rozbyshevsky, 1959 ..	—			—
Hnidintsivsky, 1960 .....	—	—	—	—
Kachanivsky, 1961 .....	—			—
<b>SC UKRGAVYDOBUVANNYA</b>			14,998	
<b>SJSC CHORNOMORNAFTOGAZ</b>			1,514	
All fields .....	—	469	—	—
<b>KASHTAN PETROLEUM</b>				
Lelyakivsky, 1963 .....	—	—	4,482	42.0
<b>Total Ukraine .....</b>		<b>2,494</b>	<b>66,227</b>	

## UNITED KINGDOM

<b>ANGUS</b>				
Brockham, 1987 .....	—	—	5	—
Lidsey .....	—	—	16	—
<b>APACHE</b>				
• Bacchus .....	—	3	4,978	—
• Beryl, 1972 .....	9,900-11,500	44	8,869	38.9
• Buckland, 1979 .....	—	4	2,301	40.0
• Forties, 1970 .....	7,000	20	46,003	37.0
• Loirston .....	—	—	66	—
• Maule .....	—	1	1,444	—
• Ness, 1986 .....	9,900-10,112	2	0	37.0
• Nevis, 1974 .....	—	7	12,690	—
• Skene, 1976 .....	—	—	489	—
<b>BG</b>				
• Blake/Blake Flank .....	—	—	7,444	—
• Everest, 1982 .....	—	8	1,268	—
• Lomond, 1972 .....	—	4	674	—
• Maria .....	—	—	812	—
• Seymore .....	—	—	2,037	—
<b>BG INTERNATIONAL</b>				
• Drake, 1982 .....	—	2	272	—
• Fleming, 1982 .....	—	5	1,079	—
• Hawkins .....	—	5	11	—
<b>BHP</b>				
• Douglas, 1990 .....	—	8	5,879	44.0
• Douglas West .....	—	—	562	—
• Keith, 1983 .....	—	—	361	38.0
• Lennox, 1992 .....	—	7	188	45.0
<b>BP</b>				
• Andrew, 1974 .....	—	12	14	40.0
• Bruce (c), 1974 .....	—	20	1,586	38.0
• Clair, 1977 .....	—	—	19,451	—
• Cyrus, 1979 .....	—	2	0	36.0
• Farragon, 2003 .....	—	—	0	—
• Foinaven, 1992 .....	—	14	23,123	25.0
• Loyal .....	—	—	895	—
• Machar, 1975 .....	—	7	6,024	40.0
• Maclure, 1991 .....	—	—	0	—
• Madoes, 1991 .....	—	—	194	—
• Magnus South, 1995 .....	—	1	518	—
• Magnus, 1974 .....	9,500	11	15,231	39.0
• Marnock (c), 1984 .....	—	2	384	—
• Mirren .....	—	—	955	—
• Monan, 1990 .....	—	2	303	—
• Mungo, 1989 .....	—	4	6,783	—
• Rhum (c), 1977 .....	—	—	0	—
• Schiehallion, 1993 .....	—	29	46,400	26.0
<b>BRITANNIA OPERATOR LTD.</b>				
• Britannia, 1975 .....	—	18	3,042	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>CANADIAN NATURAL RESOURCES</b>				
• Banff, 1991	—	—	0	—
• Columba E	—	2	470	38.0
• Kyle, 1993	—	—	0	—
• Lyell, 1975	—	6	582	36.2
• Murchison, 1975	9,900	22	2,641	36.0
• Ninian, 1974	10,000	60	11,430	37.0
• Playfair, 1977	—	—	237	—
• Thelma, 1996	12,100	4	3,583	38.0
• Tiffany, 1979	13,300	6	1,657	34.0
• Toni, 1977	12,200	4	228	34.7
<b>CENTRICA</b>				
• Birch, 1985	—	—	655	38.0
• Chestnut	—	—	6,249	—
• Gadwall, 1996	—	—	0	—
• Goosander	—	—	6,200	—
• Grouse	—	—	2,937	—
• Kittiwake, 1981	—	4	324	38.0
• Larch, 1986	—	1	371	35.2
• Mallard, 1990	—	1	1,782	38.0
• Sycamore	—	—	388	—
<b>CHEVRON</b>				
• Alba, 1984	6,100-6,600	18	25,557	19.0-20.0
• Caledonia, 1993	—	—	0	—
• Captain, 1977	2,750-3,000	15	34,556	19.2
• Erskine, 1987	—	5	5,042	48.0
• Strathspey, 1974	10,500	11	987	39.0-45.1
<b>CIRQUE</b>				
Fiskerton Airfield	—	—	77	—
<b>CONOCOPHILLIPS</b>				
• Brodgar	—	—	1,310	—
• Callanish	—	—	12,833	—
• Jade, 1997	—	—	5,196	—
• Joanne, 1981	—	7	2,832	39.0
• Judy (c), 1985	—	8	4,394	39.0
• MacCulloch, 1990	—	5	4,545	32.0
<b>DANA</b>				
• Clapham, 1999	—	—	832	—
• Guillemot Northwest, 1985	—	—	1,088	38.0
• Guillemot West, 1979	—	—	1,124	38.0
• Hudson, 1987	6,500	6	3,454	33.0
• Pict, 1982	—	—	1,533	—
• Saxon, 2005	—	—	1,080	—
<b>EDINBURGH OIL &amp; GAS</b>				
Crosby Warren, 1986	5,500	1	37	40.8
<b>EGDON RESOURCES</b>				
Keddington, 1998	—	1	65	38.2
Kirklington	—	—	2	—
<b>ENQUEST</b>				
• Broom, 1977	—	—	3,768	—
• Conrie	—	—	674	—
• Deveron, 1972	9,000	2	2,412	38.0
• Don Southwest	—	—	11,595	—
• Don West	—	—	6,132	—
• Heather, 1973	10,800	22	1,367	32.0 - 37.0
• Thistle, 1973	9,000	6	5,743	38.4
<b>FAIRFIELD</b>				
• Dunlin Southwest, 1973	—	2	175	32.0-34.0
• Dunlin, 1973	—	25	1,947	35.0
• Merlin, 1997	—	2	260	31.0
• Osprey, 1974	—	7	492	31.0
<b>HUMBLEY GROVE</b>				
Herriard	—	1	9	—
<b>IGAS</b>				
Avington	—	—	59	—
Cold Hanworth, 1999	—	1	95	28.0
Glentworth East, 1987	—	1	38	37.0
Goodworth, 1987	—	1	20	36.0
Horndean, 1982	—	4	160	38.3
Long Clawson, 1985	—	4	90	35.8
Nettleham, 1983	3,870	2	2	35.6
Palmers Wood, 1983	—	6	66	37.7

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Rempstone, 1985	—	1	14	34.2
Scampton	—	—	14	—
Scampton North, 1985	4,850	4	126	35.2
Singleton, 1989	—	4	498	37.0
Stainton, 1984	4,364	1	11	27.6
Stockbridge, 1984	—	9	463	36.8
Storrington, 1986	—	3	46	39.4
Welton, 1981	4,450	33	714	36.0
West Beckingham	—	—	7	—
<b>ITHACA</b>				
• Athena	—	—	5,988	—
• Beatrice (A&B), 1976	6,750	19	1,949	39.0
• Jacky	—	—	999	—
<b>MAERSK</b>				
• Affleck	—	—	1,573	—
• Boa	—	—	1,452	—
• Donan, 1987	—	—	9,383	—
• Gryphon, 1987	—	11	0	21.4
• James, 2003	—	—	663	—
• Janice, 1990	—	5	3,773	36.0
• Lochranza	—	—	8,547	—
• Tullich, 2003	—	—	0	38.0
<b>MARATHON</b>				
• Beinn (c), 1987	14,700	3	206	45.0
• Braemar, 2003	15,793	1	1,636	46.0
• Brae Central, 1976	15,000	4	1,527	33.0
• Brae East, 1980	13,700	10	851	39.0-49.0
• Brae North, 1975	2,475	10	944	41.0-45.0
• Brae South, 1972	13,437	15	4,186	33.0-35.0
• Brae West, 1975	5,652	6	10,254	22.0
<b>CNOOC-NEXEN</b>				
• Blackbird	—	—	3,588	—
• Buzzard, 2005	—	—	162,054	—
• Ettrick	—	—	13,221	—
• Scott, 1984	11,000	21	11,071	36.0
• Telford, 1992	—	4	6,147	38.2
<b>ONSHORE OILFIELD SERVICES</b>				
Farleys Wood	—	—	9	—
<b>PERENCO</b>				
Wareham, 1964	—	0	10	34.0
Wytch Farm, 1973	3,031-5,198	74	14,252	37.0-38.0
<b>PREMIER OIL</b>				
• Balmoral, 1975	6,800	10	992	39.3
• Brenda, 1990	—	—	2,866	—
• Glamis, 1982	10,100	1	0	41.5
• Nicol, 1988	—	—	1,016	—
• Stirling, 1983	7,800	1	7	42.2
<b>RANGER OIL</b>				
• Columba BD	—	2	720	35.0
<b>SHELL</b>				
• Bardolino	—	—	484	—
• Bittern, 1996	—	—	13,013	39.0
• Brent, 1971	—	97	974	38.0
• Cook, 1983	—	—	3,823	38.6
• Curlew C	—	—	318	—
• Curlew, 1990	—	3	636	39.0-44.0
• Egret, 1991	—	1	0	35.0
• Gannet A, 1978	—	10	4,347	38.0
• Gannet B (c), 1979	—	2	1	—
• Gannet C, 1982	—	7	0	38.0
• Gannet D, 1987	—	4	0	43.0
• Gannet E, 1982	—	1	0	20.0
• Gannet F, 1969	—	1	0	35.0
• Gannet G, 1998	—	2	0	38.0-40.0
• Guillemot A, 1979	—	3	70	37.0
• Heron, 1988	—	3	78	42.0
• Howe, 1987	—	—	1,577	—
• Kingfisher, 1972	—	3	1,341	40.0
• Merganser	—	—	2,185	—
• Nelson, 1988	—	27	7,138	40.0
• Penguin East, 1975	—	—	0	—
• Penguin West, 1975	—	—	0	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
• Pierce, 1976 .....	—	—	10,709	38.0
• Scoter (c), 1989 .....	—	—	262	—
• Shearwater (c), 1998 .....	—	714	49.0	—
• Skua .....	—	—	0	—
• Starling .....	—	—	3,900	—
• Teal South, 1992 .....	—	1	52	38.0
• Teal, 1989 .....	—	1	753	37.0
<b>STAR ENERGY</b>				
• Humbly Grove, 1980 .....	—	8	228	35.9
<b>STATOIL</b>				
• Statfjord, 1975 .....	9,500	86	4,476	38.0
<b>TALISMAN</b>				
• Arbroath, 1969 .....	8,100	10	2,698	38.0
• Arkwright, 1990 .....	—	2	0	40.0
• Auk, 1971 .....	—	10	3,383	38.0
• Auk North .....	—	—	4,929	—
• Beaulieu .....	—	—	0	—
• Blane, 1989 .....	—	—	4,308	—
• Brechin, 2004 .....	—	—	0	—
• Buchan, 1974 .....	8,700	7	3,693	33.5
• Burghley .....	—	—	2,984	—
• Carnoustie, 1980 .....	—	—	23	—
• Chanter, 1985 .....	12,000	2	6	37.8
• Claymore, 1974 .....	8,100	28	10,258	30.0
• Clyde, 1978 .....	12,400	16	1,816	37.5
• Duart, 2001 .....	—	—	472	—
• Enoch, 1985 .....	—	—	147	—
• Fulmar, 1975 .....	—	14	3,650	40.0
• Galley .....	—	—	451	—
• Halley (c), 1981 .....	—	—	257	—
• Hannay, 1996 .....	—	—	358	—
• Highlander, 1976 .....	9,372	—	126	—
• Iona, 1982 .....	—	1	95	40.0
• Leven, 1981 .....	12,400	1	33	39.0
• Medwin, 1979 .....	—	—	43	—
• Montrose, 1971 .....	8,150	10	485	38.5
• Nethan .....	—	—	271	—
• Orion, 1985 .....	—	1	1,612	44.0
• Petronella .....	—	—	479	—
• Piper, 1973 .....	8,100	12	5,993	37.0
• Ross, 1981 .....	—	1	564	41.0
• Saltire, 1988 .....	10,900	6	356	41.5
• Scapa, 1975 .....	8,500	7	1,588	32.5
• Tartan, 1975 .....	12,614	—	551	39.0
• Tweedsmuir South .....	—	—	4,335	—
• Tweedsmuir, 2002 .....	—	—	1,203	—
• Wood, 1996 .....	—	—	1,431	—
<b>TAQA</b>				
• Cormorant North, 1974 .....	—	26	8,140	36.0
• Cormorant South, 1972 .....	—	18	3,662	35.0
• Devenick (c) .....	—	—	1,370	—
• Eider, 1976 .....	—	8	1,774	34.0
• Falcon .....	—	—	3,477	—
• Harding, 1988 .....	—	18	13,542	20.0-22.0
• Kestrel, 1997 .....	—	—	17	—
• Otter .....	—	1	4	—
• Pelican, 1975 .....	—	7	6,386	35.0
• Tern, 1975 .....	—	18	11,111	39.0
<b>TOTAL SA</b>				
• Alwyn North, 1975 .....	11,155	25	14,072	39.0
• Dunbar, 1973 .....	12,370	17	4,499	40.5-44.8
• Elgin (c), 1991 .....	—	—	5,673	—
• Ellon (c), 1972 .....	10,770	2	712	—
• Franklin (c) .....	—	—	5,618	—
• Glenelg .....	—	—	0	—
• Grant (c), 1977 .....	—	1	802	—
• Islay (c) .....	—	1,231	—	—
• Jura .....	—	—	3,063	—
<b>TULLOW</b>				
• West Firsby, 1988 .....	5,500	3	109	38.0
<b>Total United Kingdom .....</b>		<b>1,299</b>	<b>876,442</b>	

## UNITED STATES \*

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Alabama, 1944 .....	—	640	26,000	—
Alaska, 1905 .....	—	3,518	525,596	—
Arizona, 1958 .....	—	25	142	—
Arkansas, 1921 .....	—	1,750	17,858	—
California, 1861 .....	—	48,825	584,708	—
Colorado, 1887 .....	—	6,700	134,842	—
Florida, 1943 .....	—	70	5,866	—
Illinois, 1889 .....	—	15,000	26,754	—
Indiana, 1889 .....	—	3,000	6,421	—
Kansas, 1889 .....	—	43,375	119,492	—
Kentucky, 1860 .....	—	5,200	8,738	—
Louisiana, 1902 .....	—	21,488	1,201,087	—
Michigan, 1900 .....	—	3,900	20,126	—
Mississippi, 1889 .....	—	3,230	65,995	—
Missouri, 1889 .....	—	380	473	—
Montana, 1916 .....	—	4,713	72,383	—
Nebraska, 1939 .....	—	1,247	6,866	—
Nevada, 1954 .....	—	75	1,005	—
New Mexico, 1911 .....	—	23,570	231,303	—
New York, 1865 .....	—	2,770	964	—
North Dakota, 1951 .....	—	8,470	662,530	—
Ohio, 1860 .....	—	18,625	13,325	—
Oklahoma, 1891 .....	—	40,550	243,989	—
Pennsylvania, 1859 .....	—	9,925	11,880	—
South Dakota, 1954 .....	—	230	4,792	—
Tennessee, 1860 .....	—	245	787	—
Texas, 1889 .....	—	172,000	2,245,109	—
Utah, 1907 .....	—	4,240	82,708	—
Virginia, 1943 .....	—	100	25	—
West Virginia, 1860 .....	—	3,600	7,030	—
Wyoming, 1894 .....	—	12,750	157,598	—
<b>Total United States .....</b>		<b>460,211</b>	<b>6,486,391</b>	

\*Discovery date indicates first year of production in state. There are 45,771 oil fields in the U.S.

## UZBEKISTAN

<b>TETHYS PETROLEUM</b>				
• North Urtabulak .....	8,202	—	—	—
<b>UZBEKNEFTEGAZ</b>				
• Achisu, 1979 .....	11,483	—	36.0	—
• Alamyshik North, 1973 .....	8,038	—	39.0	—
• Alamyshik South, 1945 .....	1,444-5,249	—	39.0-44.0	—
• Andizhan, 1935 .....	1,089-2,953	—	32.0-36.0	—
• Avval, 1955 .....	2,953	—	36.0	—
• Avval East, 1954 .....	3,609	—	35.0	—
• Boston, 1952 .....	1,148-8,858	—	34.4-43.0	—
• Chaur-Yarkutan-Chimion, 1904 .....	984-1,148	—	31.0-31.7	—
• Chongara-Gal'cha, 1949 .....	1,312	—	31.0	—
• Gumkhana, 1976 .....	14,108-15,420	—	34.0	—
• Khandym-Khauzak-Shady .....	—	—	—	—
• Kassansay, 1986 .....	5,577	—	33.0	—
• Khankyz, 1957 .....	4,462-5,577	—	26.0-29.0	—
• Khartum, 1957 .....	7,093-13,451	—	40.0-44.0	—
• Khartum East, 1984 .....	6,562	2,190	63,700	40.0
• Khodzhaosman, 1956 .....	1,886	—	40.0	—
• Kokdumalak .....	9,842	—	—	—
• Makhram, 1984 .....	11,483	—	36.0	—
• Mingbulak, 1983 .....	17,208-19,354	—	30.2-42.1	—
• Namagan, 1959 .....	11,647	—	35.0	—
• Obi-Shifo, 1982 .....	2,297	—	34.0	—
• Palvantash, 1943 .....	1,148-2,690	—	31.0-34.0	—
• Palvantash West, 1955 .....	4,593-7,776	—	30.0-39.0	—
• Sharikhan-Khodzhiabad, 1948 .....	1,706-7,930	—	34.0-43.0	—
• Shorbulak, 1973 .....	12,631	—	36.0	—
• Shorsu IV, 1927 .....	984-1,640	—	31.0-35.0	—
• Sokh N., 1956 .....	3,510-6,890	—	35.0-37.0	—
• Tasravet, 1983 .....	2,625	—	37.0	—
• Tergachi, 1978 .....	10,827-14,108	—	36.0	—
• Varyk, 1971 .....	10,499-12,467	—	31.0-40.0	—
• Varyk II, 1978 .....	14,764-16,732	—	36.0-41.0	—
<b>Total Uzbekistan .....</b>		<b>2,190</b>	<b>63,700</b>	

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>VENEZUELA</b>				
<b>PDVSA/ANZOATEGUI</b>				
Bare, 1980	3,800		75,000	10.2
Cerro Negro, 1980	1,200		158,000	7.5
Dobokubi	—		19,000	—
Melones, 1952	4,900			11.4
Zuata Principal, 1985	900-4,900		232,000	7.0
Zuata Norte	—		38,000	—
Huyapari, 1979			165,000	
<b>PDVSA/MONAGAS</b>				
Cerro Negro, 1980	1,200		218,000	7.5
El Furrial, 1986	15,000		365,000	26.3
Mulata, 1941	16,500		196,000	28.8
Santa Barbara, 1941	5,020-18,000			29.3
<b>PDVSA/ZULIA</b>				
• Boscan, 1946	—		107,000	—
• Ceuta, 1956	16,380		111,000	30.2
• Lago, 1959	11,450		56,000	34.3
• Lagunillas, 1925	3,490			22.0
• Tia Juana Lago, 1926	8,300		102,000	25.0
<b>PDVSA/PETROWARAO</b>				
AMACURO				
Pedernales, 1932	3,490-7,000		4,500	21.2
<b>PDVSA/BARIPETROL</b>				
Colon	—			—
<b>PDVSA/ANZOATEGUI</b>				
Adas, 1957	5,000			13.9
Adm 101X, 1955	7,320			19.2
Adobe, 1953	7,776			23.3
Adobe C	7,000			12.2
Araibel, 1955	11,300			33.8
Araibel-R, 1954	11,400			34.2
Arecuna, 1979	4,070			11.2
Boca, 1951	9,500			32.2
Boca-R, 1951	8,400			28.2
Bote, 1959	8,800			23.9
Bucal, 1958	10,400			46.0
Cachama-R, 1952	8,700			28.6
Cachicamo, 1949	4,600			21.0
Caico Este, 1951	8,600			30.3
Caico Seco, 1946	7,700			38.1
Cantaura, 1959	12,300			41.5
Capacho, 1945	6,100			23.3
Caracoles, 1952	7,400			30.2
Caricari, 1977	5,500			21.0
Carina, 1982	4,000			10.9
Caz-501x, 1952	—			36.3
Chimire, 1948	7,000-7,200			34.1
Chimire Norte, 1953	8,900			35.0
Chimire-Chv, 1949	7,500			30.0
Chimire-R, 1949	7,400			33.9
El Robie, 1939	3,500-11,000			49.3
El Toco, 1948	8,000			44.3
Elotes, 1954	5,000-6,470			34.1
Elotes Norte, 1973	—			36.1
Esquina Sur, 1952	6,800			34.2
Esquina-R, 1951	6,800			31.7
Finca, 1953	—			37.3
Freites, 1949	10,400			35.5
Ganso, 1948	6,300			18.7
GG-401, 1951	8,100			28.7
GM-2, 1941	6,800			19.2
GM-4, 1946	7,000			29.7
Guara Central, 1946	5,000-10,000			18.2
Guara Este, 1942	7,300			23.6
Guara Oeste, 1942	7,000			28.9
Guario, 1940	8,000			38.5
Guere, 1950	8,000			38.6
Guico, 1944	4,500-7,000			25.4
Guico Oeste, 1946	7,300			35.5
Guico Sur, 1946	6,900			28.0
Inca Isia, 1948	7,250			38.2
Ira, 1957	6,300			34.7
Junta, 1953	8,000			17.6

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Kaki, 1955	10,200			41.1
La Ceiba, 1946	9,450			41.9
La Ceibita, 1963	9,878			42.0
La Viejo, 1950	5,200			19.3
Lejos, 1952	5,500			11.6
Leona, 1938	2,200-12,800			26.7
Lestes, 1956	7,400			15.7
Levas, 1952	6,500			17.0
Libro, 1956	6,700			12.7
Lido, 1940	9,000			25.4
Limon, 1947	9,500			25.9
Lobo, 1952	7,100			15.1
Mapiri, 1949	10,500			39.5
Mapiri C., 1950	10,200			32.2
Mapiri E., 1952	10,500			35.8
Mapuey, 1953	8,000			39.2
Mata, 1954	9,900-12,500			25.9
Mata-R., 1953	12,300			37.3
Maulpa, 1950	6,000			45.1
Melones C., 1974	4,622			11.4
Merey, 1937	5,400-5,700			12.5
Miga, 1953	4,600			12.3
Nardo, 1952	10,100			25.5
Nieblas, 1954	9,400			30.6
Nigua, 1953	11,600			26.0
Nipa, 1945	6,000-8,500			31.9
Nipa 100, 1957	9,600			26.8
Nipa C, 1946	8,100			32.5
Nipa Oeste, 1954	9,200			33.1
Oca, 1953	5,600			16.7
Oficina Central, 1937	5,900			26.1
Oficina Norte, 1946	6,900			29.6
Oleos, 1934	5,000			13.0
Oscurote, 1952	10,300			24.6
Oscurote-Norte, 1952	9,513			24.2
Ostra, 1943	5,700			16.9
Oueja, 1942	4,800			16.5
Pato Este, 1988	13,700			41.9
Pradera-R, 1949	7,300			33.3
Quiamare, 1942	8,500			39.6
Rincon Largo, 1941	8,900			40.5
Rosa R.V., 1958	11,600			38.8
San Joaquin, 1938	8,600			42.9
Santa Ana, 1936	9,200			40.1
Santa Fe, 1953	11,900			43.1
Santa Rosa, 1941	9,800	14,651		45.7
Sanvi, 1959	6,100			31.7
Socororo, 1940	5,000			20.2
Soto Este, 1950	11,100			33.0
Soto Norte, 1953	11,700			35.8
Tascabana, 1951	7,500			29.0
Trico, 1941	6,100			31.1
Yopales Central, 1937	4,600			22.6
Yopales Norte, 1943	5,400			29.0
Yopales Sur, 1953	4,700			16.7
Zacarias, 1959	15,100			40.6
Zanjas, 1958	13,270			38.1
Zapatos, 1955	11,500			32.4
Zarza, 1957	13,200			43.2
Zorro, 1953	11,100			29.3
Zulus, 1957	12,710			35.8
Zumo, 1954	9,200			25.3
Zumo Norte, 1955	11,100			22.0
<b>PDVSA/BARINAS</b>				
Caipe, 1967	10,900		632,500	24.7
Estero, 1958	10,700			—
Guafita, 1982	8,500			29.1
Hato Viejo, 1956	9,550			22.7
La Victoria, 1987	10,900			29.8
Maporal, 1957	10,950			25.7
Paez (Mingo), 1963	8,900			19.9
Palmita, 1957	10,600			27.8
Sinco, 1953	8,500-9,100			21.5
Silvan, 1949	10,860			26.8
Silvestre, 1948	8,860			22.1
Torunos, 1994	11,800-12,400			28.8
Borburata, 1996	11,800			30.1

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
Bejucal, 1996 .....	11,500			29.0
<b>PDVSA/FALCON</b>				
Cumarebo, 1931 .....	5,000			46.1
Tiguaje, 1953 .....	5,000			26.4
<b>PDVSA/GUARICO</b>				
Altas, 1960 .....	6,000			39.8
Anibal, 1955 .....	5,500			—
Barso, 1959 .....	5,800			29.3
Belen, 1953 .....	4,500			—
Bella Vista, 1952 .....	4,300			28.1
Budare, 1958 .....	4,523			31.1
Cocomon, 1951 .....	—			50.5
Copa, 1951 .....	7,800			41.1
Coporo, 1954 .....	6,500			30.0
Cosi, 1954 .....	6,500			25.6
Dakoa, 1954 .....	5,400			30.5
Grico, 1946 .....	4,200			27.0
Guavinta, 1948 .....	3,900			26.6
Ipire, 1958 .....	5,400			14.9
Jobal, 1960 .....	7,600			41.3
Las Mercedes, 1942 .....	4,500			25.4
Macoya, 1972 .....	7,700			48.3
Palacio, 1946 .....	3,800			22.6
Piragua, 1949 .....	4,500			—
Punzon, 1947 .....	4,900			32.4
Retumbo, 1955 .....	5,200			—
Ruiz, 1949 .....	4,500			27.2
Saban, 1947 .....	4,000			47.3
Socorro, 1948 .....	6,600			54.7
Taman, 1949 .....	4,100			38.7
Tucupido, 1946 .....	5,000			46.3
Valle 13, 1947 .....	5,700			—
Valle 3, 1957 .....	5,000			33.1
Yucal-Placer .....	—			—
<b>PDVSA/MONAGAS</b>				
Acema 100, 1965 .....	12,500			29.0
Acema 200, 1966 .....	12,100			23.8
Acema 300, 1966 .....	11,900			26.3
Acema 400, 1968 .....	12,400			20.7
Acema 500, 1967 .....	11,400			23.2
Acema A, 1960 .....	13,100			26.4
Acema B, 1971 .....	12,600			20.1
Acema Casma, 1972 .....	12,000			22.8
Aguasay .....	—			—
Aguasay 3, 1957 .....	13,800			37.1
Aguasay C, 1955 .....	8,100-13,400			35.8
Aguasay E, 1959 .....	13,950			34.3
Aguasay N, 1972 .....	1,590			42.4
Amarillis, 1989 .....	16,000			41.9
Boqueron, 1990 .....	18,250			32.7
Carisito, 1984 .....	15,100			41.7
Carito, 1988 .....	16,000			31.4
El Corozo, 1987 .....	19,000			26.8
Florida, 1987 .....	14,100			39.2
Jobo II, 1956 .....	3,600-4,000			10.8
Josepin, 1938 .....	4,253			28.2
Las Piedritas, 1993 .....	16,000			—
Manresa, 1954 .....	—			27.0
Mata Acema, 1946 .....	9,500-12,500			—
Mata Grande, 1946 .....	5,700			26.1
Morichal, 1958 .....	3,312			10.2
Muri, 1942 .....	5,263			—
Onado, 1961 .....	4,800-15,300			23.2
Oritupano, 1950 .....	7,657			18.4
Oritupano Norte, 1954 .....	8,750			23.4
Oritupano Sur, 1954 .....	9,680			17.7
Orocual, 1953 .....	5,300			38.0
Pilon, 1937 .....	4,200			10.7
Pirital, 1958 .....	450-12,000			29.9
Quiriquire, 1928 .....	7,000-7,200			33.1
San Vicente .....	—			—
Tacat, 1953 .....	1,820-3,670			15.0
Temblador, 1936 .....	3,500-4,500			14.3
Travieso, 1946 .....	5,300			—
<b>PDVSA/PETROWARAO</b>				
Ambrosio/La Rosa, 1917 ....	2,337			33.3

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>PDVSA</b>				
Alpuf, 1926 .....	2,200-17,100			28.2
Alturitas, 1948 .....	11,400-18,500			29.7
• Bachaquero, 1930 .....	1,800-14,185			22.4
Barua, 1928 .....	9,200-15,500			20.8
Cabimas, 1917 .....	2,200			22.4
• Centro, 1959 .....	9,800-11,000			33.6
Dacion, 1948 .....	6,000			20.0
Garcia, 1928 .....	5,400-17,500			22.5
La Concepcion, 1953 .....	3,148-8,000			22.5
La Ensenada, 1984 .....	15,400			36.5
La Paz, 1925 .....	4,268-8,000			27.6
Lagunillas Tierra, 1925 .....	—			—
• Lama, 1957 .....	8,320			32.2
• Lamar, 1958 .....	13,000			33.5
Las Cruces/Los Manueles, 1916	4,300			39.0
Machiques, 1981 .....	13,500			35.9
Mara, 1928 .....	5,240			26.6
Mene Grande, 1914 .....	4,130			21.7
Motatan, 1952 .....	8,400-15,900			22.0
Punta Icotea La Rosa, 1917 ..	2,337			—
Rosario, 1959 .....	4,800			37.4
San Jose, 1947 .....	10,900-17,200			28.9
San Julian, 1980 .....	18,500			32.7
Sibucara, 1948 .....	3,000-15,000			37.0
• Sur Lago, 1967 .....	13,900-19,000			33.6
Tia Juana Tierra, 1925 .....	—			—
Totumos, 1980 .....	11,900-14,000			30.0
Urdaneta Oeste, 1955 .....	—			—
• Urdaneta, 1955 .....	4,800			37.4
West Tarra, 1942 .....	4,250-5,500			39.2
<b>PETROZUATA</b>				
Petroazuata .....	—			—
<b>PETROLERA AMERIVEN</b>				
Hamaca .....	—			—
<b>PETRODELTA</b>				
Bombal .....	—			—
El Salto .....	—			—
Temblador .....	—			—
Tucupita, 1945 .....	5,754			13.1
Uraoa, 1934 .....	4,750			10.8
<b>PETROBRAS ENERGIA</b>				
Oritupano-Leona, 1938 .....	—			—
<b>Total Venezuela*</b> .....		<b>14,651</b>	<b>2,479,000</b>	
*Includes heavy crude .....				

## VIETNAM

### CUU LONG JOINT OPERATING

• Su Tu Den (Black Lion), 2000	—	—	36.0
• Su Tu Vang (Golden Lion) ...	—	6	—
• Su Tu Trang (c) .....	—	1	—

### DAI HUNG CORP.

• Dai Hung (Big Bear), 1985 ..	200-330	4	34.0
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### HOAN VU JOC

• Ca Ngu Vang (Golden Tuna) .	—	—	—
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### HOANG LONG JOC

• Te Giac Trang .....	12,000	—	—
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### JAPAN VIETNAM PETROLEUM

• Phuong Dong .....	—	—	—
• Rang Dong (Dawn), 1994 ...	—	4	—

### PCVL

• Hong Ngoc .....	—	—	330,000
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### PETROFAC

• Cendor .....	—	—	—
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### PREMIER OIL PLC

• Chim Sao .....	—	6	—
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### TML

• Bunga Kekwa, 1991 .....	7,000	—	38.0
• Bunga Raya .....	—	—	—
• Bunga Tulip .....	—	—	—

## WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>TRUONG SON JOC</b>				
• Song Doc .....	—	—		35.8
<b>VIETSOVPETRO</b>				
• Bach Ho (White Tiger), 1981 .	120-160	20		34.0
• Rong (Dragon), 1983 .....	120-160	4		34.0
<b>Total Vietnam .....</b>		<b>45</b>	<b>330,000</b>	

## YEMEN

<b>CALVALLEY</b>				
Block 9:				
Al Roidhat, 2004 .....	—	69		15.0
Auqban, 2002 .....	5,413			40.0
Hiswah .....	3,609			35.0
<b>DEN NORSKE OLJESELSKAP ASA</b>				
Block 43: Nabrajah, 2004 . . .	5,500	43		—
Block 32: Tasour, 1998 .....	5,700	51		29.0
<b>DOVE ENERGY</b>				
Block 53: Sharyoof, 2001 . . .	—	45		28.0-32.0
<b>CNOOC-NEXEN</b>				
Block 14:				
Bainoon-Naziah, 1993 .....	—	639		27.6-36.0
Camal, 1991 .....	—			30.0-33.0
Dahban, 1997 .....	—			30.0
Harw, 1992 .....	—			28.0
Hijah, 1991 .....	—			25.0-30.0
Himair, 1991 .....	—			18.0-22.0
Jabal Assalab .....	—			
N. Camal, 1992 .....	—			31.0-36.0
N.E. Suna, 1994 .....	—			30.0
Qataban, 1999 .....	—			27.0-44.7
S. Himair, 1992 .....	—			19.0
Suna, 1991 .....	—	639		30.0-34.0
Tawilah, 1992 .....	—			34.0
W. Himair, 1994 .....	—			19.0
Block 51: .....				
Bashir Al-Khair A .....	—			—
Bashir Al-Khair B .....	—			—
Bashir Al-Khair K .....	—			
Dais, 2001 .....	—			32.0
N.E. Camaal, 2001 .....	—			27.0-39.0
Naar-4, 2004 .....	—			20.0
Ressib, 2004 .....	—			28.0
S Ressib, 2005 .....	—			38.3
<b>OCCIDENTAL PETROLEUM</b>				
Block S1:				
An Nagyah, 1992 .....	3,350	49		35.0-48.0
Harmel, 2000 .....	1,526			20.0
<b>OMV</b>				
Block S2 - Al-Uqlah .....	—	34		35.0-42.0
<b>SAFER</b>				
Block 18:				
Alif, 1984 .....	5,750	692	184,200	45.0
Al-Raja, 1989 .....	8,000			53.0
Al-Shura, 1989 .....	7,600			45.0
Al-Wihdah, 1990 .....	7,500			40.3
Asa'ad Al-Kamil, 1987 .....	6,100			48.0
Assaeida .....	—			35.0-48.0
Azal, 1987 .....	6,850			43.0
Jabal Assama .....	—			35.0-48.0
Jabal Barat, 1996 .....	7,370			57.4
Jabal Nuqum, 1988 .....	3,780			44.0
Mauze .....	—			35.0-48.0
Raydan, 1986 .....	2,875			26.0
W. The Yazen .....	—			35.0-48.0
Wadi Bana, 1992 .....	6,670			41.0
<b>TOTAL</b>				
Block 10:				
Atuf, 1995 .....	—	132		28.0-41.0
Khairir, 1993 .....	5,722			28.0-41.0
Wadi Taribah, 1995 .....	8,818			28.0-41.0

Name of field, discovery date	Depth, ft	Producing oil wells	2012 production, avg. b/d	°API gravity
<b>JANNAH HUNT OIL CO.</b>				
Block 5:				
Al Nasr .....	—	92		—
Dhahab .....	—			—
Halewah .....	—			—
<b>KOREA NATIONAL OIL CO.</b>				
Block 4:				
Amal, 1986 .....	—	93		35.0-48.0
E. Ayad, 1986 .....	—			35.0-48.0
W. Ayad, 1986 .....	—			35.0-48.0
<b>Total Yemen .....</b>		<b>2,578</b>	<b>184,200</b>	